Lancaster Farming

Serving The Central and Southeastern Pennsylvania Areas - Also Maryland, New Jersey and Delaware

VOL. 24 No. 9 | Lancaster Farming, Saturday, December 30, 1978 | $6.00 Per Year

1978 was a good year

By DIETER KRIEG

LITITZ — The year that's ending was a good one, say most farmers in eastern Pennsylvania, and they're looking for about the same kind of situation in 1979. That's the consensus of opinions shared by a number of **Lancaster Farming**'s readers this week. Their only complaint is that costs - especially for machinery and parts - are too high.

Robert Rohrer of Strasburg proclaimed 1978 was a very good year for the American farmer, and while he's optimistic about the future, he admits that the overall state of the economy could lead to some hard times. He doesn't believe

(Turn to Page 26)

Global egg situation viewed

By KENDACE BORRY

LANCASTER — The worldwide egg situation has its effects on egg producers in Lancaster County, even though their eggs are seldom exported, according to Hendrik Wentink, assistant to the president of Pennfield Corporation, Lancaster; and chairman of the National Commission on Egg Nutrition, Arlington, Va.

Around the world, there is a "great controversy", he said, dealing with the diet-heart cholesterol issue.

Ten to 15 years ago, he explained, it was almost a foregone conclusion that too much cholesterol would increase the chances of

(Turn to Page 27)

Tobacco being purchased

By DIETER KRIEG

LANCASTER — Tobacco buyers are visiting farmers again now, offering between 60 and 70 cents per pound for a crop which is generally being described as good to very good.

According to one grower-buyer, about a tenth of Lancaster County's crop has been bought, as buyers were just getting started this week to inspect the local crop. The Maryland type tobacco, however, was purchased in early November. Prices for those varieties reportedly ranged from 35 to 85 cents per pound, depending on quality and grading.

While some companies expect the farmer to sort his

(Turn to Page 38)

Bomgardner sweeps 4-H round-up

By JOAN LIESAU

LEBANON — Jay Bomgardner, 19, captured both grand championship titles with his market hog and steer projects at the Lebanon County 4-H baby beef and market swine round-up held December 27 at the Lebanon County Fairgrounds.

Jay, the son of Victor and Anna Bomgardner, Annville R3, showed a 1265 pound Angus-Simmental-Hereford cross steer which was later sold to the Lebanon Valley National Bank. The steer sold for $1.06 per pound for a total of $1340.90.

His buddy steer, a 1050 pound Hereford-Simmental cross, placed second in its

(Turn to Page 34)

In this issue

Farm Calendar	10	Kendy's Kollumn	45	Lancaster DHIA	82
Editorial	10	Home on the Range	46	Cumberland DHIA	88
Shapp vetoes ag bill	20	Ida's Notebook	46	Beef cattle feature	92
Homestead Notes	42	Joyce Bupp	48	Dairy feature	96
Jr. Cooking Edition	43	Pond restoration	50	Wood burner tips	111
Farm Women Calendar	44	Classifieds	53	Life on the farm	112

1.45, average 1.30.

Livestock market and auction news

Lancaster Market

No market due to holiday.

Middleburg Auction

Middleburg, Pa.
December 26, 1978

CATTLE 200. Choice slaughter steers 56.75-58.85, Good 54.00-57.75, Standard 52.00-54.00, Utility 48.00-52.00. Choice slaughter heifers 55.00-56.75, Good 52.00-55.00, Standard 50.00-52.00, Utility 46.00-50.00. Utility and Commercial slaughter cows 46.50-48.85, individual at 50.10, Cutters 44.50-47.75, Canner and Low Cutters 40.00-44.00, Shells down to 36.00. Few Good slaughter bullocks 54.00-58.50. Yield Grade 1, 1200-2100 lbs. slaughter bulls 54.75-60.50, Yield Grade No. 2, 800-1200 lbs. 48.00-54.00. Few Good 400-750 lbs. feeder steers 60.00-69.50.

CALVES 155. Prime vealers 100.00-109.00, Choice 90.00-100.00, Good 85.00-90.00, Standard and Good 110-130 lbs. 80.00-85.00, 90-110 lbs. 70.00-80.00, 70-90 lbs. 55.00-70.00. Farm Calves: Holstein bulls 90-115 lbs. 85.00-109.00; Holstein heifers 100-130 lbs. 95.00-119.00.

HOGS 609. US No. 1-2 200-230 lbs. barrows and gilts 53.25-54.25, few to 54.85, No. 1-3 190-250 lbs. 52.25-53.25, No. 2-3 200-270 lbs. 51.00-52.50. US No. 1-3 300-650 lbs. sows 38.50-46.50. Boars 200-700 lbs. 35.75-44.50.

FEEDER PIGS 190. US No. 1-3 10-20 lbs. feeder pigs 18.00-25.00 per head, No. 1-3 20-40 lbs. 25.00-48.00, No. 1-3 40-60 lbs. 48.00-62.50 per head.

SHEEP 0. No sales on offer.

Market courtesy of PDA.

Vintage Livestock

Paradise, Pa.
Tues., December 26, 1978

	Cattle	Calves	Sheep
Today	652	566	7
Last Tuesday	654	579	4
Last Year	1041	709	8

CATTLE: Compared to last Tuesday slaughter steers steady to 50 higher, least advance on high Choice and Prime with some sales Good to average Choice 1.00 higher; cows 2.00-3.00 higher; insufficient volume bulls and heifers for a market trend. Supply included 47 per cent slaughter steers and 46 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1300 lbs. 58.50-59.75; Choice mainly 2 1050-1275 lbs. 58.75-59.75, five head 60.00-60.35; Choice 2-4 1000-1375 lbs. 57.25-59.00; high Good and low Choice 2-3 55.75-57.75; Good 2-3 54.00-56.25; few Standard 1-2 49.50-54.50.

COWS: Utility and Commercial 1-3 49.00-52.75, few 53.50-54.75; Cutter 1-2 45.75-49.25, few 49.75-52.00; Canner and low Cutter 41.75-45.00.

BULLOCKS: Few head Choice 1000-1350 lbs. 58.75-60.50, four head 61.00-63.25; couple Good 51.00-55.00.

BULLS: Few yield grade 1 1100-1750 lbs. 55.00-58.00, individual 60.00; few yield grade 2 1000-1350 lbs. 53.75-55.00.

VEAL CALVES: Vealers 2.00-5.00 higher. Supply included 395 in graded sale of which 33 per cent sold to return to farm.

VEALERS: Choice 160-325 lbs. 86.00-94.00, couple 97.00-101.00; couple Prime 320-360 lbs. 106.00-107.00; Choice 120-160 lbs. 80.00-86.00; high Good and low Choice 120-270 lbs. 75.00-85.00, 90-115 lbs. 72.00-76.50, 75-90 lbs. 70.00-74.00, few 60-75 lbs. 64.00-70.00.

RETURNED TO FARM: 17 head 90-115 lbs. Holstein heifers 127.00-130.00, few 80-90 lbs. 110.00-121.00; 17 head 120-125 lbs. Holstein bulls 88.00, 95 head 100-115 lbs. 93.00-95.00, few 85-105 lbs. 74.0-92.00.

SHEEP: No market test.

Market courtesy of USDA.

Lancaster Auction

Lancaster, Pa.
Wed., December 27, 1978

	Cattle	Calves	Hogs	Sheep
Today	819	87	1654	26
Last Wednesday	422	73	1031	12
Last Year	913	105	1129	50
Wednesday's Auction	825	91	1640	26
Last Wednesday's Auction	394	74	1081	12

CATTLE: Compared to last Wednesday slaughter steers fully steady, instances 50 higher; slaughter heifers 50-75 higher; cows 3.00-4.00 higher; bullocks firm to 1.00 higher; bulls 3.00-4.00 higher.

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1325 lbs. 58.50-60.00; Choice 2-4 1000-1475 lbs. 57.00-59.00, few 56.25-57.00; high Good and low Choice 2-3 55.00-57.50; Good 2-3 53.75-56.00; few Standard 1-2 50.50-54.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lbs. 55.00-57.00, few 57.00-58.00; Good 2-3 850-1075 lbs. 52.00-55.00.

COWS: Utility and Commercial 1-3 49.50-52.50, few 52.50-53.75, couple 55.00-55.75; Commercial 3-4 beef breed 900-1100 lbs. 46.00-49.00; Cutter 1-2 46.50-49.50, few 50.00-51.50; Canner and low Cutter 41.75-46.25.

BULLOCKS: Choice 1025-1350 57.00-60.00, few 60.50-61.00; Good 1000-1250 lbs. 54.00-58.00.

BULLS: Yield grade 1 1100-1800 lbs. 56.75-60.00, few 60.00-61.00 with five head 61.75-64.75; yield grade 2 1000-1350 lbs. 53.00-56.00.

VEAL CALVES: Small supply vealers 3.00-5.00 higher.

VEALERS: Couple Prime 280-340 lbs. 104.00-109.00; Choice 180-300 lbs. 90.00-100.00, 120-160 lbs. 84.00-92.00; high Good and low Choice 120-260 lbs. 74.00-88.00, 90-15 lbs. 66.00-72.00, few 70-90 lbs. 60.00-65.00.

RETURNED TO FARM: Bulk 90-115 lbs. Holstein bulls 90.00-101.00.

SHEEP: Trend not fully tested; couple lots Choice 80-105 lbs. wooled lambs 72.00-75.00, couple lots Good 80-95 lbs. 62.00-65.00.

Market courtesy of USDA.

New Holland Livestock

New Holland, Pa.
Thurs., December 28, 1978

	Cattle	Calves	Sheep
Today	1166	605	15
Last Thursday	681	393	21
Last Year	961	550	13

CATTLE: Compared to last Thursday slaughter steers fully steady, instances 50 higher on high Choice and Prime; slaughter heifers fully steady; cows 3.00-4.00 lower; bullocks steady; bulls firm to 50 higher. Supply included 42 per cent slaughter steers and 49 per cent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1100-1375 lbs. 59.00-60.00; Choice mainly 2 1000-1300 lbs. 59.50-60.0, 15 head 60.00-61.00; Choice 2-4 1000-1400 lbs. 57.00-59.00, few 59.00-59.75, couple lots Choice 1400-1470 lbs. 56.50-57.00; high Good and low Choice 2-3 55.00-57.25; Good 2-3 52.50-56.00; Standard 1-2 52.00-54.35.

SLAUGHTER HEIFERS: Choice 2-3 950-1180 lbs. 56.25-58.50, couple 59.00-60.25; Good 2-3 850-1025 lbs. 51.00-56.00.

COWS: Utility and Commercial 1-3 47.25-49.75, few 50.00-51.25; Cutter 1-2 44.00-47.50, few 49.00-50.00; Canner and low Cutter 41.25-44.75.

BULLOCKS: Choice 1000-1300 lbs. 56.50-59.50, few 59.50-60.50; Good 1000-1275 lbs. 54.00-56.50.

BULLS: Yield grade 1 1100-2000 lbs. 57.50-59.50, few 59.75-60.25; yield grade 2 1000-1350 lbs. 53.50-57.50.

VEAL CALVES: Vealers 2.00-5.00 higher, instances 8.00 higher on Choice and Prime.

VEALERS: Prime 270-395 lbs. 110.00-115.00, individual 255 lbs. 118.00; Choice 150-320 lbs. 92.00-104.00, few 105.00-110.00; Choice 110-150 lbs. 88.00-98.00; high Good and low Choice 115-280 lbs. 75.00-90.00, 90-110 lbs. 70.00-76.00, few 70-90 lbs. 62.00-70.00.

RETURNED TO FARM: Bulk 85-115 lbs. Holstein bulls 76.00-92.00, few 94.00-101.00.

SHEEP: Trend not fully tested, few Choice 85-130 lbs. wooled lambs 69.00-73.00.

Market courtesy of USDA.

Lancaster Weekly Market

Fri., December 29, 1978

	Cattle	Calves
This Week	3000	1275
Last Week	2844	1178
Last Year	3999	1378

CATTLE: Slaughter steers firm to 50 higher; slaughter heifers fully steady; compared to last week's close cows 3.00-4.00 lower; bullocks firm to 1.00 higher; bulls 1.00-2.00 higher, instances 4.00 higher. Supply included 42 per cent slaughter steers, 9 per cent heifers, 33 per cent cows, 5 per cent bulls with the balance mainly feeder steers large share held for Friday afternoon auction

SLAUGHTER STEERS: High Choice and Prime 3-4 1075-1375 lbs. 58.50-60.00; Choice mainly 2 1050-1275 lbs. 59.00-60.00, around 200 head 60.00-61.00; Choice 2-4 1000-1375 lbs. 57.00-59.00, few 59.00-59.75; couple lots Choice 3-4 1400-1470 lbs. 56.50-57.00; high Good and low Choice 2-3 55.00-57.50, Good 2-3 53.00-56.25, Standard 1-2 49.50-54.50

SLAUGHTER HEIFERS: Choice 2-3 875-1180 lbs 56.00-58.50, couple 59.00-60.25, Good 2-3 850-1075 lbs. 51.00-56.00.

COWS: Utility and Commercial 1-3 47.25-50.00, several early part of week 51.00-52.50, few 52.50-54.75, Cutter 1-2 closed the week at 44.00-47.50, few 49.00-50.00, Canner and low Cutter 41.25-45.00.

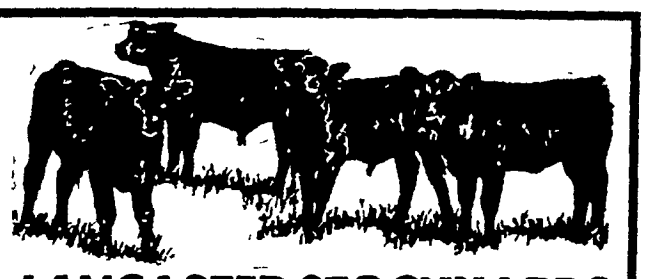
BULLOCKS: Choice 1000-1350 lbs. 57.00-60.50, few head 60.50-63.25; Good 1000-1275 lbs. 54.00-57.00.

BULLS: Yield grade 1 1100-2000 lbs. 56.50-60.00, few 60.00-61.00 with five head

(Turn to Page 9)

B & R CATTLE CO.
RD 1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph: (717) 653-5728
RON RANCK
Ph: (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12:30.



LANCASTER STOCKYARDS
WEEKLY SALES
SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER SALE
FRIDAY 11:00 A.M.
— HOLIDAY SCHEDULE —
LANCASTER STOCKYARDS WILL BE CLOSED:
NEW YEAR'S DAY
CHUTES WILL BE OPEN AS USUAL TO RECEIVE LIVESTOCK.
NEW FEEDER PIG SCHEDULE
STARTING TUESDAY JAN. 2
THERE WILL BE A FEEDER PIG SALE EVERY WEEK ON TUESDAY FOR THE YEAR 1979 STARTING AT 1 P.M.
PRIVATE TREATY DAILY
LANCASTER STOCKYARDS, INC.
(717) 394-2611

Vintage Sales Stables, Inc.
BULLS, STEERS, BUTCHER COWS, LAMBS AND VEAL CALVES SOLD ON COMMISSION
SALE EVERY TUESDAY - 11 A.M.
HOG SALES
WEEKLY: WED. & SAT. - 9 A.M.
EVERY THURSDAY - 12:30 P.M.
HAY & STRAW SALE
Get calves in early for grading & weighing
No weight loss.
FOR MARKETING INFORMATION
PHONE 717-768-8204
HOME PHONE 215-458-5060
L. ROBERT FRAME, MANAGER
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-733-2334
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

NEW HOLLAND The Action Auction
AUCTIONS make the difference in marketing livestock!
NEW HOLLAND makes the difference in auctions!
MONDAY's AUCTION:
8 00 A M - Fat Hogs
10 00 A M - Horse Sale
11 00 A M - Hay, Straw & Ear Corn
1 30 P M - Fat Steers, Bulls, Cows & Veal
WEDNESDAY's AUCTION:
12 00 Noon - Hay, Straw & Ear Corn
12 00 Noon - Dairy Sale
1 00 P M - Feeder Pig Sale
THURSDAY's AUCTION:
11 00 A M - Beef Sale
Order of Sale Bulls, Fat Steers, Cows, Veal
4 30 P M - Calf Sale
NEW HOLLAND SALE STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager Phone: 717-354-4341

Hog Markets

Lancaster Hogs

Lancaster, Pa.
Sat., December 23, 1978
Total 940 head.

No. 1, 200 to 235 pounds 56.00-57.25; No. 1-2, 200 to 245 lbs. 54.75-55.75; No. 2-3, 200 to 255 lbs. 53.50-54.50.

Tues., December 26, 1978
Yard closed Monday due to Holiday. Special hog auction held on Tuesday.

	Hog Auction
Tuesday	1044
Last Tuesday	21

TREND: Compared to last Wednesday barrows and gilts 1.00-1.50 lower.

BARROWS AND GILTS: US 1-2 200-255 lbs. 53.50-54.50; Few US 1 210-235 lbs. 54.75-55.10; US 2-3 255-270 lbs. 52.50-53.50, Couple lots 270-280 lbs. 49.00-49.50.

Wed., December 27, 1978
HOGS: Barrows and gilts 2.50-3.00 lower.

BARROWS AND GILTS: US 1-2 200-255 lbs. 51.75-52.35, few 52.35-52.85; US 1 210-245 lbs. 54.00-55.00; US 1-3 220-260 lbs. 51.50-52.00; Few US 2-3 260-275 lbs. 49.00-50.50.

Vintage Hog

Paradise, Pa.
Saturday, December 23

No. 1, 200 to 240 lbs. 55.50-57.00; No. 2-3, 200 to 240 lbs. 54.50-55.50; lightweights 51.00-52.50; heavyweights 51.00-53.50; sows 38.00-41.00; boars 37.00-38.00.

Wednesday, December 27
No. 1, 210 to 245 lbs. 53.00-54.00; No. 2-3, 200 to 245 lbs. 52.00-53.00; sows 41.00-44.00; boars 38.00-40.00.

Peoria Hogs

Thurs., December 28, 1978
HOGS: 3000 - Barrows & gilts slow, opening mostly 1.00 lower. US 1-2 200-230 lbs. 50.50-51.00; US 1-3 220-240 lbs. 49.50-50.50.

Sows: Under 450 lbs. 25-50 higher; over 450 lbs. stdy-75 lower. US 1-3 350-450 lbs. 41.50-42.00; 450-650 lbs. 44.00-44.50.

Market courtesy of USDA.

St. Louis Hogs

Thurs., December 28, 1978
HOGS: 5000 - Barrows & gils active, 50 instances 75 higher than Wednesday's close. US 1-2 200-240 lbs. 50.50, around 150 head 50.75; US 1-3 230-250 lbs. 49.75-50.50.

Sows: Uneven. wts. under 450 lbs. stdy-50 lower, over 450 lbs. stdy-50 higher. US 1-3 300-450 lbs. 41.50; 450-600 lbs. 42.50-44.00.

Market courtesy of USDA.

New Holland Hogs

New Holland, Pa.
Tues., December 26, 1978

	Hog Auction
Today	1490
Last Monday	1655
Last Year	1597

TREND: Compared to last Monday barrows and gilts firm to 25 higher.

BARROWS AND GILTS: US 1-2 200-255 lbs. 53.75-54.50; Few US 1 210-240 lbs. 54.60-55.00.

Market courtesy of USDA.

The Lancaster Stockyards and Vintage Sales Stables will be closed on January 1, 1979. New Holland Sales Stables will be open for business as usual on Monday.

Indianapolis Hogs

Thurs., December 28, 1978
HOGS; 1500 - Barrows & gilts moderately active, few early sales mostly steady, bulk of the sales mostly 50 lower. US 1-2 200-240 lbs. 50.00-51.00, 70 head 51.50-51.75; US 1-3 245-270 lbs. 48.00-49.00.

Sows: Moderately active, steady to 1.00 higher; US 1-3 300-450 lbs. 41.00-42.50; 500-600 lbs. 43.50-44.50.

New Holland Feeder Pigs

New Holland, Pa.
Wed., December 27, 1978

	Feeder Pigs
Today	1368
Last Wednesday	1180
Last Year	591

Compared to last Wednesday feeder pigs firm to 3.00 higher, instances 10.00 higher on US 1-2 30-50 lbs. All pigs weighed on arrival and sold by the hundred weight.

US 1-2 174 head 31-42 lbs. 130.00-135.00; 185 head 30-50 lbs. 111.00-125.00; 232 head 50-60 lbs. 103.00-116.00; 120 head 60-70 lbs. 92.00-101.00; 71 head 74-75 lbs. 88.00-89.00; 46 head 84-90 lbs. 73.00-83.00.

US 2-3 81 head 37-50 lbs. 91.00-115.00; 60 head 55-60 lbs. 100.00-108.00; 21 head 66 lbs. 78.00-84.00.

Market courtesy of USDA.

Pa. Grain

December 26, 1978
Compared with last Monday's market, for Southeastern, Central and South Central Pennsylvania:

Corn 1 cent to 2 cents higher; Wheat 1 cent to 3 cents higher; Barley steady to 1 cent higher; Oats mostly 2 cents to 3 cents higher; Ear Corn $2 to $3 higher.

Prices paid delivered to dealers dock.

(All prices per bushel, except for Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.25-2.50, average 2.37; Wheat No. 2 range 3.35-3.80, average 3.55; few to 4.00; Barley No. 3 range 1.55-1.75, average 1.69; Oats No. 2 1.35-1.60, average 1.48; Soybeans No. 1 range 6.23-6.85, average 6.43; Grain Sorghum No. 2 range 1.70-1.80, average 1.75; New Ear Corn range 53.00-65.00, average 61.11.

Central Pa.

Corn No. 2-y range 2.10-2.35, average 2.23; Wheat No. 2 range 3.25-3.75, average 3.49; Barley No. 3 range 1.50-1.80, average 1.61; Oats No. 2 range 1.25-1.50, average 1.39; Grain Sorghum No. 2 range 2.00-2.20, average 2.07; New Ear Corn range 48.00-55.00, average 49.15.

So. Central Pa.
(Franklin and Cumberland Counties)

Corn No. 2-y range 2.00-2.30, average 2.14; Wheat No. 2 range 3.30-3.40, average 3.37; Barley No. 3 range 1.65-1.80, average 1.73; Oats No. 2 range 1.50-1.75, average 1.54; New Ear Corn range 45.00-55.00, average 52.13.

Southeastern Central and South Central Summary

Corn No. 2-y range 2.00-2.50, average 2.28; Wheat No. 2 range 3.25-3.80, average 3.50; Barley No. 3 range 1.50-1.80, average 1.67; Oats No. 2 range 1.25-1.75, average 1.45; New Ear Corn range 45.00-65.00, average 54.63.

Western Pa.

Corn No. 2-y range 2.15-2.25, average 2.21; Wheat No. 2 range 2.75-3.10, average 2.89; Barley No. 3 range 1.45-1.55, average 1.50; Oats No. 2 range 1.15-1.45, average 1.30.

Futures Trading

Closing Bids as of Thursday, December 28, 1978

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
Jan.	57.52			56.25
Feb.	58.77	49.30		54.30
March			5.51	53.10
April	61.30	45.47	5.75	49.05
May			6.59	
June	63.15	46.95		
July		47.15		
Aug.	62.10			
Nov.				

Trend - Cattle are higher, Hogs are mixed, Potatoes are higher, and Eggs are lower.

Market Provided by Commodity Department
Reynolds Securities, Inc.

Chicago Grain Futures

(Closing Bids as of Thursday, December 28, 1978)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes	Chicago Fresh Eggs
Jan.			6.77¼	189.90
Mar.	2.32½	3.44¾	6.92½	189.90
May	2.41¼	3.35¼	7.02½	189.30
July	2.47¼	3.23	7.07½	189.60
Sept.	2.49½	3.28	6.78½	188.30

Trend - Corn is higher, Wheat is higher, Soybeans are lower, Soybean Meal is higher.

Market Provided by Commodity Department
Reynolds Securities, Inc.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
Week to Date	396,000	37,000	859,000	60,000
Same Period Last Week	556,000	54,000	1,209,000	79,000
Same Period Last Year	418,000	47,000	881,000	59,000

Market courtesy of USDA.

CONSIGN WITH CONFIDENCE

You are in good hands when you do business with Walter M. Dunlap And Sons — and for the following reasons —

- All hogs, pigs, calves and lambs weighed upon arrival; therefore, less shrink and more dollars in your pocket.
- All livestock penned under roof.
- All cattle watered before being sold.
- All cattle and hog consignments penned separately.
- All livestock properly sorted by capable personnel.
- No waiting at docks to unload.
- Full market price for all consignments
- Bonded for your protection.
- Immediate payment
- Free up to date market information
- Open every day of the week to receive consignments
- Financing of feeder cattle available

SPECIAL NOTICES

The entire Yards will be closed to trading on New Years Day Monday, January 1 but all livestock arriving that day will be fed and watered as usual.

★

BEGINNING
TUESDAY, JANUARY 2
There will be a Feeder Pig Sale every week on Tuesday for the year 1979 starting at 1 P.M.

Consign all your feeder pigs to Walter M. Dunlap & Sons where they will be handled by a capable and experienced staff.

Walter M. Dunlap and Sons
Tel. 717-397-5136
The leading firm on the Lancaster Market

WE WILL HAUL HAY, STRAW & GRAIN
To Local Auctions
From Anywhere
To Anywhere
or Buy Outright
MEADOW GREEN FARMS
Call or write
Rt. #1
Richland, Pa. 17087
Call 717-933-4080
or 717-933-4377

Good friends are for keeps . . .
we value your friendship and business. Thank you.
S. K. SHOTZBERGER, INC.
LIVESTOCK TRANSPORTATION
Gene Zwally, President
Marvin Johns, Secy.-Treasurer
P.O. Box 925, Lancaster, Pa. 17604
Phone: 393-4641 (day or night)

FIRST IN THE FIELD OF CO ORDINATED SOIL PLANT ANIMAL NUTRITION RESEARCH
BROOKSIDE FARMS LABORATORY ASS'N INC
NEW KNOXVILLE OHIO 45871
National Reputation — Local Service

CONTACT:
JOHN CAMPBELL
Atglen, PA
(215) 593-5529
GARY McGEE
Spring Run, PA
(717) 349-7300
DAN DERR
Conowingo, MD
(301) 378-3280

J.M. HOOBER Inc.
LANCASTER STOCKYARDS
Your Livestock Broker
Serving You Since 1895.
- Up-to-date market information.
- We sell slaughter cattle, fat hogs, calves, lambs, feeder pigs.
- Suppliers of feeder cattle.

FEEDER PIG SALES WEEKLY
STARTING TUES., JANUARY 2, 1979

Consign your livestock to J.M. Hoober Inc., where it will receive personal care and service.
Call Us:
Phone (717) 397-6191 - Home 569-2084
Small Stock Division 397-6191
Home 626-5659

Poultry Market Reports

Weekly New York Egg Market

From Monday, December 25 to Friday, December 29

	Mon.	Tues.	Wed.	Thurs.	Fri.
WHITE					
Jumbo	HOLIDAY	79	78	78	78
Ex Large		75	74	74	74
Large		74	73	73	73
Mediums		71	70	70	70
Pullets		57	57	57	57
Peewees		44	44	44	44
BROWN					
Large		80	80	80	80
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large		68	68	68	68
Checks		40	39	38	38
Breakers		48	47	46	46

Tone: Market mixed, Nest Run easy, processed stocks well cleared.

Copy right 1977 Urner Barry Publications

N. E. Weekly Shell Egg Report

December 27,1978

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.+	Not Available			
Mostly NEW HAMP.	76-81	76-81	75-78	52-57
Mostly	78-79	77-78	76-77	53-54
R.I.	85-86	85-86	82-83	61-62
VERMONT	83-90	83-88	80-84	--
Mostly	85-88	85-86	82-83	--
MAINE	81-84	81-84	78-81	57-60

+Includes Central and Western Sections Only.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	New Weight Per Case	Wednesday	Friday
Extra Large	51 lbs.		
Class 1 - Large	48 lbs.	60	60
Class 2 - Large	45 lbs.	58	56
Class 3 - Medium	42 lbs.	58	56
Class 4 - Small	39 lbs.	48	48
Breaking Stock	48 lbs.	46	44
Checks	48 lbs.	40	39

Lancaster Farming

P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

Robert G. Campbell, Publisher
Dieter Krieg, Editor
Kendace Borry, Associate Editor
Joan Liesau, Associate Editor
Laurel Shaeffer, Berks County Correspondent
Joyce Bupp, York County Correspondent

Subscription Price:
$6.00 per year; $10.00 - 2 years

$8 00 per year outside of
PA, NJ, MD, DE, NY, VA & WV

Established November 4, 1955
Published every Saturday
by Lancaster Farming, Lititz, PA
Second Class Postage paid at Lititz, PA 17543
(ISSN) 0023-F485

For address change form or new subscription see Classified Section.

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.

Philadelphia Eggs

December 27, 1978

EGGS: Prices steady. Cartoning demand fair at best. Offerings fully adequate. Undertone nervous.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons, delivered: store door.

A Extra Large 73-76; A Large 72-74; A Medium 68-70.

Eastern Pa. & N.J. Poultry

December 27, 1978

Prices mostly 1 cent lower on light type hens. Farm offerings adequate for current ltd processor running time. Offerings on heavy type adequate for a fair call.

Prices paid at farm: Light type hens 12-13, mostly 12½-13.

F.O.B. plant: 15-16, mostly 15.

Heavy type hens TFEWR.

Baltimore Eggs

December 27, 1978

EGGS: Undertone steady. Demand fair for adequate stocks.

Cartoned eggs: prices to retailers, state graded (min. one case sale) white:

Grade A Large	78-82
Grade A Medium	74-78

Delmarva Poultry

December 27, 1978

Ready-to-cook movement fair but not developing as well as expected yet. Slaughter schedule fairly heavy. Todays LTL asking prices occasionally higher at 40-41 on Plant Grade and 42-43 on U.S. Grade A. Advance interest developing slowly. Live supplies ample at weights generally within desired ranges. Undertone fully steady.

Current broiler/fryer negotiated prices for immediate delivery includes-mostly multiple-drop shipments to New York City from Delmarva.

RANGE: US Grade 41-43; Plant Grade 40-41½; Premium X US Grade A 49.00; Premium X Plant Grade 47.00.

WTD. AVG.: US Grade 42.08; Plant Grade 41.18; Premium X US Grade A 49.00; Premium X Plant Grade 47.00.

X - includes special services, selected competive brands, etc.

Hay Markets

Vintage Hay

Paradise, Pa.
Thurs., December 28, 1978

Total 13 loads. All prices per ton.

Alfalfa 55-81; mixed hay 45-60; timothy 50-65; straw 55; ear corn 59.

Green Dragon

Ephrata, Pa.
December 22, 1978

Prices per ton:

77 loads hay & 26 loads straw.

Alfalfa 58.00-94.00; Timothy, few 44.00-70.00; Mixed hay 40.00-70.00, one 76.00; Clover, few 44.00-55.00; Grass hay (Orchard), few 40.00-46.00; Straw 48.00-76.00; Ear Corn, 10 loads 60.00-73.00; Corn Fodder, 9 loads 31.00-46.00.

PACMA Fowl

PACMA-FACTS

The following market is supplied by PACMA-FACTS, a direct marketing organization affiliated with the Pennsylvania Farmers' Association. Participating poultrymen are members of PACMA, which employs a fowl marketing agent, The Farmers' Agricultural Cooperative Trading Society (FACT) - to sell members' fowl. PACMA works directly with the PFA poultrymen in the program.

Farm point prices prevailing for fowl to be marketed by members during the week of December 25 were 15 at plant, 12½ to 13 at the farm.

New Holland Hay

No market due to holiday.

Regional Hay

December 26, 1978

(All hay No. 2 and better, prices paid by dealers at the farm & per ton.)

Hay & Straw fully steady - slow.

Alfalfa 60.00-75.00; Mixed hay 55.00-65.00; Timothy hay 45.00-60.00; Straw 65.00-70.00; Mulch 25.00-35.00.

Good's Hay

Leola, Pa.
Wed., December 27, 19

Total 115 loads.

Alfalfa 50-101; timothy 80; straw 50-83; mixed 52-90; corn 60-83; clover 85; soybean straw 25, chard grass 48-60; mead grass 35; soybean hay corn fodder 34-39; stub hay 42-52; wood 23-27

TOP OF THE HOG MARKET
DANVILLE LIVESTOCK MARKET
OLD ROUTE 11
DANVILLE, PA 17821
717-275-2880

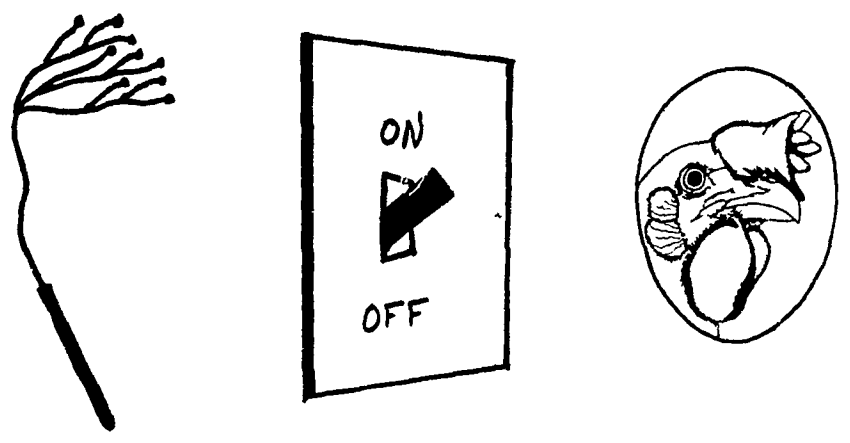
Market your hogs the auction way.
SALE EVERY MONDAY 2 P.M.
Melvin M. Lehman (Owner)

★ HORSE AND TACK SALE ★
1st & 3rd Saturday - Monthly — 7 P.M.

VISIT OUR NEW BOOTH LOCATION IN THE DAIRY BARN AT THE 1979 FARM SHOW

WHAT ONE WORD REPRESENTS THESE THREE THINGS?

(Answer: a switch)



Do you realize that in the past year there has been a substantial increase in DEKALB sales in this area? Many progressive area poultrymen are SWITCHING to DEKALB. As we close out this year of 1978 do some evaluating of your last flock's performance.

IF YOU KEEP RECORDS YOU'LL KEEP DEKALB LAYERS

Moyer's CHICKS, INC.

Quakertown, PA. 18951
(215) 536-3155

From mother to market, we formulate feeds and feeding programs with your profit in mind.

Does pork production represent a sizeable part of your income? Are you ready to devote an hour or so of your time *planning* for a more profitable future?

If your answer to both questions is yes, you owe it to yourself to read what we have to say.

Unlike many other feed companies, we develop feeding and management programs for each individual operation.

It all starts with a Pennfield man reviewing your operation with you. Your goals. Your records. Whether you farrow and finish your own pigs or buy feeder pigs. Your management practices. The health and overall condition of your herd. And other factors that have an effect on your profit potential.

With the aid of computers, we then design programs that can improve your profits by reducing expenses, improving performance, or both.

For example, many producers who switched from a competitive program to a Pennfield program have cut their feed costs and their hogs go to market sooner. In effect, the Pennfield program is putting more money in their pockets.

There is no cost—or obligation—for this unique service. But you must take the first step by writing or phoning us. Do it today.

Pennfield Feeds, 711 Rohrerstown Rd., Lancaster, PA 17604. Local calls: Lancaster 299-2561, Red Lion 244-4511. In 717 and 215 areas dial toll free 800-732-0467.

pennfield feeds

Livestock market and auction news

Des Moines Carlot

December 27, 1978

Compared to Tuesday's close: Choice steer & heifer beef steady except few loads choice heifer beef for immediate shipment 1.00 lower. Canner and cutter cow beef 3.50 higher than last Thursday. Choice primal arm chucks steady - strong. Trade moderate to fairly active; demand moderate to good for next week shipment – immediate shipment demand light. Sales reported on 65 loads of carcass beef.

STEER BEEF

Choice 3 600-900 lbs. 85.00, steady.

Choice 2 600-800 lbs. 86.50.

Choice 3 550-750 lbs. 87.50 trmd & slctd.

Choice 2 550-750 lbs. 89.50 trmd & slctd.

Choice 4 600-800 lbs. 77.50, steady.

Good 2-3 500-900 lbs. 82.50 hols type.

HEIFER BEEF

Choice 3 500-700 lbs. 83.75, steady.

Choice 3 500-700 lbs. 82.75 early, 1.00 lower, immediate shipment.

Good 2-3 500-700 lbs. 79.00, steady.

COW BEEF

Utility 3-4 400 & Up lbs. 79.50 brkg/nrthn.

Canner/Cutter 400 & Up lbs. 92.00 nrthn/sthrn, 3.50 higher than late Thursday.

Canner/Cutter 400 & Up lbs. 89.50 late Tuesday, 1-2 northern.

PRIMAL BEEF CUTS
Choice 3

Arm Chucks: 75-120 lbs. 70.75-72.50, steady-strong.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS

90 per cent chemical lean fresh 137.75, 6.75 higher Thursday.

85 per cent chemical lean fresh 121.00 late Tuesday.

85 per cent chemical lean fresh 122.00, 5.00 higher than last Thursday.

50 per cent chemical lean fresh 45.00, steady-50 higher.

50 per cent chemical lean frozen 49.00.

Compared to Tuesday's close: Fresh pork loins steady - 1.25 higher. Boston butts 1.00 lower. Spareribs steady - 2.25 lower. Skinned hams 14-20 lbs. 1.00-2.00 lower. Bellies 12-18 lbs. 3.50-7.50 lower, however, 18-20 lbs. 50-1.00 higher. Trimmings steady, instances 3.25 lower on 42 per cent lean. Trading slow to moderate; demand light. Sales reported on 73 loads, including 8 loads of trimmings.

FRESH PORK CUTS

LOINS: 14/dn lbs. 102.50; 14-17 lbs. 101.50, load 103.25, 1.00 higher; 14-17 lbs. 104.50 clear channel 1.25 higher; 14-17 lbs. 107.50 trimmed; 17-20 lbs. 87.50, including 3 loads frozen/t.i.s., steady.

BOSTON BUTTS: 4-8 lbs. 87.50; pt ld 89.50, 1.00 lower; 4-8 lbs. 103.00 trimmed; 8 & up lbs. 89.00.

SPARERIBS: 3-5 lbs. 75.25 fresh, steady 2.25 lower; 3-5 lbs. 77.25 frozen.

SKINNED HAMS: 14-17 lbs. 86.75, 1.25 lower; 17-20 lbs. 83.00-84.00, 1.00-2.00 lower.

BELLIES, SDLS: 12-14 lbs. 50.00-54.00, late 50.00, 3.50-7.50 lower than Friday; 14-16 lbs. 50.00-52.00, late 5.00; 16-18 lbs. 48.00, 4.75 lower; 18-20 lbs. 42.50, mostly 43.00, 50-1.00 lower.

NECK BONES: 24.75-25.50; Frozen/t.i.s. 24.50.

CHEEK MEAT: frozen 93.50.

PORK TRIMMINGS/BONELESS PROCESSING PORK (chemical lean): 42 per cent trimmings 36.75 frozen/bags, 3.25 lower; 42 per cent trimmings 40.50 frozen/boxed, steady; 72 per cent trimmings 82.00 fresh/bags & bins, steady.

Market courtesy of USDA.

East Coast Carlot Meats

December 27, 1978

Compared to Tuesday: Choice 3 steers weak on 12 loads. Prime special fed veal steady to 4.00 higher. Good and choice boning veal steady to 2.00 higher. Lamb 3.00-7.00 higher, full advance on 55-75 lbs. weights. Boneless beef 90 chemical lean compared to last week 8.00-9.00 higher.

STEER BEEF
13 Loads

Negotiated Sales: Choice 3 700-900 lbs. 88.50, weak.

Good 2-3 Holstein 500-900 lbs. 86.50.

STEER BEEF
4 Loads

Formula sales late Tuesday base: Choice 3 600-900 lbs. 88.50-89.00.

HEIFER BEEF
2 Loads

Formula sales late Tuesday: Choice 3 500-700 lbs. 87.25-87.75.

BEEF CUTS
Choice 3
3 Loads

ARM CHUCKS: 90-130 lbs. 74.50-75.00.

ROUNDS, STEER: 60-85 lbs. 106.00.

BEEF CUTS
Prime 3

STEER HIND: 120-170 lbs. part load 108.00.

LAMB CARCASS
Choice and Prime 3-4
8 Loads

Compared to last week 55 lbs. down 138.00-140.00, 3.00 higher; 60 lbs. down 136.00, 3.00 higher; 55-65 lbs. 135.00, mostly 7.00 higher; 65-75 lbs. 130.00, mostly 7.00 higher.

FRESH PORK CUTS
16 Loads

LOINS: 14 lbs. down 106.00; 14-17 lbs. 105.00

TRMD CLEAR CHANNEL: 14-17 lbs. 111.00.

CURED AND PROCESSED MEATS
2 Loads

Semi boneless hams 14-17 lbs. 115.00, steady.

BONELESS BEEF
5 Loads

Compared to last week 90 per cent chemical lean, fresh 137.00-141.00, 8.00-9.00 higher; 85 per cent chemical lean, fresh, part load 129.00.

- VEAL CARCASS - HIDE ON

PRIME (Special Fed): 180-240 lbs. 145.00-152.00, steady to 4.00 higher.

Good and Choice Boning Type. Northeastern Suppliers: 65-75 lbs. 108.00-110.00, all steady to 2.00 higher; 55-64 lbs. 106.00-108.00; 45-54 lbs. 104.00-106.00; 35-44 lbs. 102.00-104.00; 34 lbs. down 100.00-102.00.

Market courtesy of USDA.

Four States Auction

Four States Livestock Sales, Inc.
Wed., December 20, 1978

SLAUGHTER: Fed Steers & Heifers - No steers offered; Heifers - Good 45.00-49.00; Medium 44.00 Down; Cows - Strong demand, prices 2.00 higher; High Yield 45.00-48.00; Average 41.00-44.00; Big Middle 38.00-40.00; Shelly 37.00 Down; Fat Bulls - Good 50.00-52.75; Medium 46.00-49.00; Veal Calves - $2.00-4.00 higher; No choice offered; Good 85.00-90.00; Medium 75.00-84.00; Farm Hfrs. to 80.0; Farm Bulls to 99.00; Light & Weak 64.00 Down; Slaughter Sows - 325-620 lbs. 39.00-45.75.

STOCKER: Steers 300-550 lbs. - Light run, Prices steady, No Choice offered; Good 57.00-58.00; Medium 52.00-56.00; Culls 51.00 Down; Steers 600-850 lbs. - Good 52.00-55.50; Medium 51.00 Down; Heifers (All Weights) - Choice 61.00-66.50; Good 55.00-60.0; Medium 54.00 Down; Bulls - 58.00-59.50; Good 54.00-57.00; Medium 53.00 Down; Dairy Cows - to 710.00; Spr. Hfrs. to 1,090.00; Pigs, hd. higher prices - 20-30 lbs. 29.00-39.00; 40-60 lbs. 40.00-49.00; Shoats by lb. - to 52.25; Slaughter Hogs - $2.00 higher; 200-230 lbs. 51.75-52.35; 240-260 lbs. 51.50-52.10; 180-195 lbs. to 51.00.

Baltimore USDA

December 26, 1978

CATTLE 300: Supply mostly cows, compared to last Monday $2.50-4.25 higher, not enough sales other classes for a market test.

SLAUGHTER STEERS: several high Good & Choice 1160-1240 lbs. 56.00; Individual Choice Holstein 3 1460 lbs. 54.25; Standard & Good 2-3 1000-1345 lbs. 48.00-52.50.

SLAUGHTER HEIFERS: few Choice 3-4 920-980 lbs. 54.50-56.50; several Good 930-1200 lbs. 49.00-51.25.

COWS: Utility 2-3 & Commercial 3-4 44.00-50.00; few 51.25-51.60; Cutter 40.25-45.00.

BULLS: several Y G 1-2 985-1430 lbs. 49.75-52.50.

HOGS 600: Compared to last Wednesday Barrows & Gilts 75-1.00 higher. US 1-2 200-240 lbs. 52.75-53.00; 40 head 53.25-53.50; US 2-3 230-260 lbs. 52.00-53.00.

SOWS: firm to 50 cents higher; US 1-3 300-600 lbs. 40.00-41.00, few 41.50.

VEAL & CALF AUCTION: Individual Choice Vealers 230 lbs. 97.00; Good & Choice 100-135 lbs. 74.00-80.00; 75-100 lbs. 64.00-70.00.

SHEEP AUCTION: package Good & Choice feeder lambs 67 lbs. 58.50.

Peoria Livestock

December 23, 1978

CATTLE: Receipts this week: 3500, Last week: 5900, Year ago: 4900. Compared with last week's close, slaughter steers mostly steady. Slaughter heifers 50 higher. Cows 2.50-4.00 higher. Bulls 2.00 higher. Receipts about 60 percent slaughter steers, 30 percent slaughter heifers, balance mostly cows.

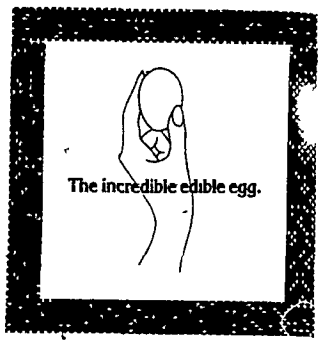
SLAUGHTER STEERS. Choice 2-4 1050-1250 lbs 55.50-57.00; couple loads 57.50, at mid-week 55.50-56.75; 900-1050 lbs. 54.00-55.50; mixed Good and Choice 2-4 900-1300 lbs. 54.50-55.50; Good 2-3 51.50-54.50.

SLAUGHTER HEIFERS. Choice and Prime 900-1100 lbs. 54.50-55.50; Choice 2-4 850-1050 lbs. 54.00-54.50; mixed Good and Choice 2-4 850-1075 lbs. 52.50-54.00; Good 2-3 50.00-52.50.

COWS: Utility and Commercial 1-3 46.00-49.00; high-dressing Utility 49.50-50.50; load 51.00; Cutter 1-2 42.00-46.00; Canner 41.00-42.00.

BULLS: Yield Grade 1-2 1100-1800 lbs. 45.00-52.00; few 54.00-55.25.

Market courtesy of USDA



NEW HOLLAND SALES STABLES, Inc.

12 Miles East of Lancaster
on Route 23, New Holland, Penna.

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY

Sale to Start Promptly at 1 P.M.

We Will Receive Your Pigs Anytime
From 7 A.M. Wed. Morning

State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.

Calf Sale To Be Held In New Sales Pavilion Every Thursday At 4:30 P.M.

NORMAN KOLB 717-397-5538 **ABE DIFFENBACH** 717-393-4464

FARMERS ATTENTION!!

SPRAY MATERIALS
INSECTICIDES
IM-PRUV-ALL
MEDINA
CONKLIN PRODUCTS

Check Our Prices Before You Buy.

MELVIN R. WEAVER

2213 Leabrook Road, Lancaster, PA 17601
Ph: 717-898-8354 or 569-6576

Green Dragon Livestock Sales

1 mile North of Ephrata, PA

COWS COWS COWS

BUYERS FROM 3 STATES

Regular consignments from Ray Kyper, Bob Kennedy, Dale Brewer and Ed Stover plus local consigners.

Lots of good Northern Feeders and Stockers.

SALE EVERY FRIDAY

Bulls, Steers, Slaughter Cows, Lambs and Veal Calves

11:00 A.M. - Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M. - Dairy Cows
7:00 P.M. - Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.

WALTER H. RISSER, Proprietor

SPECIAL NOTICE

HAY, STRAW & EAR CORN SALE

AT

DAVID H. GOOD'S FARM MACHINERY SALE

EVERY WED. AT 12 NOON

ON NORTH MAPLE AVE., LEOLA, PA.
Home Phone 717-656-8911
Bus. Phone Wed. Only 717-656-9558

Livestock market and auction news

Chambersburg Auction

Chambersburg, Pa.
December 28, 1978

CATTLE 441. Compared with last Thursday's market, sl. cows uneven, mostly 50 cents to $1.00 lower; sl. steers low to average Choice 1000-1350 lbs. 57.25-58.85; Good 54.25-58.00; few Standard 50.10-53.75; Choice sl. heifers 55.00-57.50; Good 52.50-54.85; few Standard 50.75-52.50; Utility & Commercial sl. cows 45.00-51.00, few 52.85; Cutters 45.50-50.00; Canner & L. Cutter 41.75-48.00, Shells down to 36.25. Yield Grade #1 1100-1985 lbs. 50.00-61.60.

FEEDER CATTLE: Steers & Bulls few Good 450-950 lbs. 50.00-59.00.

CALVES 588. Vealers $2.00-10.00 higher; Prime vealers 126.00-130.00; Choice 96.00-126.00; Good 83.00-100.00; Standard & Good 90-110 lbs. 75.00-79.00; 70-85 lbs. 72.00-76.50, Utility 50-100 lbs. 45.00-68.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 75.00-104.00; few Hol. Heifers 90-110 lbs. 77.00-90.00.

HOGS 72. Barrows and gilts US 1-2 220-250 lbs. barrows & gilts 53.85-54.50, few No. 1-3 175-180 lbs. 51.35-52.00. Sows - US No. 1-3 300-630 lbs. 41.50-45.25, few Boars - 34.50-42.00.

FEEDER PIGS 34. Few lots US No. 1-3 25-45 lbs. feeder pigs 31.50-52.00 per head.

SHEEP 17. Wooled sl. lambs 1 lot Choice 105 lbs. at 63.00; few Utility 60-70 lbs. 54.00-62.00.

Market courtesy of PDA.

Indiana Livestock

Indiana, Pa.
December 28, 1978

CATTLE 98. Compared with last Thursday's market. Slaughter cows strong, 50 cents to $1.00 higher, instances 2.00 higher. Couple choice YG 55.50- 56.50, Couple good 53.00-53.25, few standard 48.00-50.00. 1 choice slaughter heifers at 54.25, few good 48.00-49.00, 1 utility at 39.00. Utility & commercial slaughter cows 44.00-50.50, few 51.00-53.25, cutters 42.00-46.25. Canner & L. Cutter 37.00-42.25. Slaughter bullocks 1 utility at 45.75. Few yield grade #1, 1200-1500 lbs. 50.00-53.50.

FEEDER CATTLE: Few good & choice 400-650 lbs. steers 58.00-69.50. Few good & choice 350-630 lbs. heifers 57.00-70.00, few good & choice 540-750 lbs. bulls 50.00-61.00.

CALVES 174. Vealers grading good & choice 2.00-4.00 higher standard & good 1.50-3.00 higher. Vealers choice 82.00-95.50, good 72.00-85.00, standard & good 90-120 lbs. 70.00-78.00, 70-90 lbs. 61.50-72.00, utility 55-110 lbs. 45.00-63.50.

FARM CALVES: Holstein bulls 90-120 lbs. 72.00-78.00. Holstein heifers 80-110 lbs. 68.00-84.50.

HOGS 51. Barrows and gilts steady. US No. 1-2 lbs. barrows & gilts, No. 1-3 200-240 lbs. 52.00-53.00, No. 2-3 200-275 lbs. 50.00-51.00, 1 at No. 2-3 350 lbs. 46.50. No. 1-3 110-160 lbs. 45.00-48.00. SOWS US No. 1-3 350-550 lbs. sows 40.00-46.50, 1 at 47.00, 2-3 260-290 lbs. 38.50-39.25. Couple Boars 28.25-28.50.

FEEDER PIGS 30. US No. 1-3 30-40 lbs. feeder pigs 28.00-38.00 per head, 1 at No. 1-3 80 lbs. at 55.00.

SHEEP 9. Wooled slaughter lambs few choice 75-80 lbs. 69.00-69.50. Good 60-85 lbs. 54.00-58.00.

Market courtesy of PDA.

Carroll's Market

Carroll's Sales Co. Inc.
Felton, Delaware
December 22, 1978

COWS: Utility 48.00-53.50; Cutter 45.00-48.00; Low Cutter 38.00-45.00.

STEERS: Prime & Choice No test; Standard 47.00-50.25.

BULLS: No test.

VEAL CALVES: Prime 80.00-92.00; Choice 70.00-80.00; Good 60.00-70.00; Standard 55.00-60.00; Monkeys returning to farm 25.00-73.00.

LAMBS: No test.

HOGS: 52.00-53.00.

SOWS: 39.50-42.00.

BOARS: 38.50-41.00.

Pigs sold between 25.00-66.00.

Omaha Cattle

December 28, 1978

CATTLE - Compared with previous week's close - closing prices on slaughter steers were weak to 50 cents lower and heifers steady to 25 cents lower. Cows were 1.00-1.50 higher and bulls firm to 1.00 higher.

Three day receipts 11,200, Last week 15,700, A year ago 14,100.

The steer trade followed a rather uneven pattern, while heifers were fairly stable during the holiday-shortened period. In early trading, steers opened firm to higher, but most buying interests were not aggressive for numbers at higher prices, and at midweek prices were forced downward. Most buyers were selective, and cattle carrying a heavy coating of mud were under additional pressure. Late demand was again geared to meet the reduced needs of another long non-slaughter weekend. There was a fairly liberal percentage choice steers and heifers, but mud was a prevalent condition. Steers made up approximately 45 pct. and heifers 32 pct. Cows comprised 14 pct. and feeders 6 pct.

STEERS: Early, three loads Choice and Prime 3-4 1112-1171 lbs. 57.00-57.50 mainly for commodity orders. Choice 2-4 relatively clean 1000-1300 lbs. closed 55.00-56.25, part load Choice 2-3 1410 lbs. holsteins 53.00. Load Choice and Prime 4-5 carrying some mud 1532 lbs. 51.50. Mixed Good and Choice 2-3 100-1250 lbs. 54.00-55.25, some loadlots Good to mostly Choice but carrying moderate to heavy coating of mud 53.00-54.50. Good 2-3 49.50-54.00.

Average of LS-214, detailed quotations for Choice 900-1100 lbs. steers this week 55,72; Choice 1100-1300 lbs. 55.56. Average weight steers for two days 1166 lbs. as compared 170 lbs. previous week. Average weight heifers for two days 984 lbs. as compared 989 lbs. previous week.

HEIFERS: Several loads and part loads Choice and Prime 3-4 950-1100 lbs. 55.50-55.75. Choice 2-4 900-1050 lbs. 54.25-55.25. Mixed Good and Choice 2-3 850-1000 lbs. 52.50-54.00. Good 49.00-52.50.

COWS: Utility and Commercial 2-4 43.00-45.50, few high dressing 46.00. Cutter 41.00-43.00. Canner and low-Cutter 39.50-41.50.

BULLS: 1-2 1400-2000 lbs. 47.00-52.00, individual 1 53.00-54.00.

Market courtesy of USDA.

Belleville Auction

Belleville, Pa.
December 27, 1978

CATTLE 110. Compared with last week's market, slaughter cows $1.50-$3.50 higher. Couple Low Choice slaughter steers 54.25-55.10. Few Standard slaughter heifers 52.00-52.75. Utility and Commercial slaughter cows 45.10-51.00, few to 51.75, Cutters 44.50-49.00, Canner and Low Cutters 40.75-44.50, Shells down to 38.85. Few Utility slaughter bullocks 47.10-52.85. Couple Yield Grade No. 1, 1300 and 1400 lbs. slaughter bulls 55.60-57.50.

CALVES 182. Vealers grading Standard and Low Good 70-110 lbs. $3-$6 higher. Few Choice vealers 93.50-130.50, few Good 70.00-91.00, Standard and Good 90-110 lbs. 72.00-75.00, 70-85 lbs. 65.00-72.00. Holstein bulls 90-120 lbs. 80.00-104.00.

HOGS 225. Barrows and gilts $2.75-$3.75 lower. US No. 1-2 210-250 lbs. barrows and gilts 51.75-52.10, No. 1-3 190-250 lbs. 50.00-51.60, few lots No. 2-3 240-265 lbs. 49.10-49.25. US No. 1-3 275-500 lbs. sows 41.75-47.00. Boars 31.75-37.25.

FEEDER PIGS 197. US No. 1-3 25-40 lbs. feeder pigs 35.00-51.50 per head, No. 1-3 40-65 lbs. 50.00-60.50, one lot No. 1-3 100 lbs. at 68.00 per head.

SHEEP 24. Few Good and Choice 60-100 lbs. wooled slaughter lambs 56.00-68.00, few Utility and Good 40-60 lbs. feeders 57.00-60.00. Few Slaughter ewes 25.00-38.00.

Market courtesy of USDA.

St. Louis Cattle

National Stockyards
December 28, 1978

Receipts this week: 4,100: Week ago: 5,600: Year ago 4,600. Compared to the previous weeks close, slaughter steers .50 to mostly 1.00, instances 1.50 higher. Most advance on Choice and Prime. Slaughter heifers fully .50-1.00 higher. Cows unevenly 2.00-3.00 higher. Bulls 1.00-2.00 higher. Slaughter supply mainly Choice 2-4 1000-1200 lbs. steers, around 35 percent heifers and 10 percent cows.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1250 lbs. 55.50-56.00. Choice 2-4 950-1275 lbs. 54.00-55.50. Mixed Good and Choice 2-4 900-1200 lbs. 53.00-54.50. Good 2-3 900-1175 lbs. 51.50-53.00. Few Standard and Good 2-3 1075-1300 lbs. holsteins 49.00-52.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 54.00-54.75, mostly 54.00-54.50, package 55.00. Choice 2-4 800-1050 lbs. 53.00-54.25, mostly 53.00-54.00. Mixed Good and Choice 2-3 700-975 lbs. 51.00-53.00. Good 2-3 700-950 lbs. 48.00-51.00.

COWS: Utility and Commercial 2-4 41.00-46.00. Boning Utility 1-2 45.00-48.00, closing 46.00-48.00. Cutter 1-2 39.50-45.00. Canner and low Cutter 1-2 36.50-40.00.

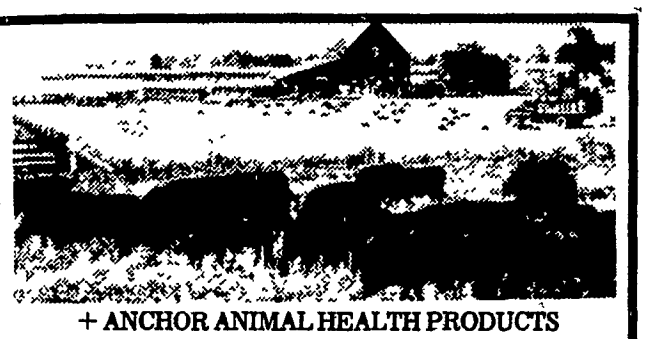
BULLS: Yield Grade 1-2 1050-1800 lbs. 47.00-52.00. closing 48.00-52.00. Yield Grade 1 53.00-54.00, closing 54.00. Individual Yield Grade 1 1920 lbs. 55.00.

FEEDERS: (Including around 800 at the regular Thursday auction.) Feeder steers and heifers uneven ly 2.00-5.00 higher. Demand good for the rather light supply.

FEEDER STEERS: Lot Choice 205 lbs. 96.00. Choice 325-450 lbs. 78.75-90.00; 500-600 lbs. 70.00-75.50; 600-800 lbs. 62.00-67.75.

FEEDER HEIFERS: Choice 400-500 lbs. 65.00-73.25; 500-600 lbs. 63.75-66.00. Few lots mixed Good and Choice 475-575 lbs. 59.50-64.75.

PAIRS: Lot Choice 4-6 year old cows with calves at side 615.00 per pair.



+ ANCHOR ANIMAL HEALTH PRODUCTS
+ FAST SERVICE ON MAIL OR PHONE ORDERS
+ FREE CATALOG FROM THE AREA'S FULL SERVICE VETERINARY DISTRIBUTORS

FRANKLIN BROS.
Farm Supply
PHONE: 215-252-1333
1235 Cedarville Road Easton, Pa. 18042

A NEW YEAR

As we get off to a fresh start we wish you bright and shining tomorrows.
Thanks for past Patronage.
★★★★★★★★★★★★★★★★★★
WE WILL BE OPEN
MONDAY, NEW YEAR'S DAY, JANUARY 1
7 A.M. to 12 NOON
CALL FOR MARKET QUOTES EACH MORNING 717-733-9648
PENN PACKING BUYING STATION
At Green Dragon Market
1 Mile North of Ephrata on North State Street

WASH ON WHEELS
HIGH PRESSURE WASHING SERVICE
• Chicken Houses • Dairy Barns
• Hog Equipment • Veal Pens
We Use HOT Softened Water
CALL FOR FREE DEMONSTRATION
717-367-0189

$$$$$
OUR GRADED AND VET INSPECTED FEEDER PIGS CAN HELP YOUR DOLLARS GROW! OUR KNOWLEDGEABLE BUYERS WILL SELECT QUALITY FEEDER PIGS FOR YOUR APPROVAL.
CALL COLLECT
BOB TINDALL
SOUTH CHARLESTON, OHIO
513-462-8797
OR
RAYMOND BOYCE LIVESTOCK CO.
UNIONVILLE, TENNESSEE
615-294-5102

L & M FUR & WOOLEN ENTERPRISE

Quality Electrified Sheepskins & Furs
Tannery Direct Dist. - Wholesale & Retail
Check Our Quality, Price & Services!
Mail & Phone Orders Accepted
• Woolen Hosp. Pads - Natural & All Colors
• Pa. Largest Selection of Woolen Products
• Sheepskin Coats at Reasonable Prices
• See Us At Meadowbrook Market in Leola
Dealers Wanted
117 W. Summit St., Mohnton, PA
215-777-2465
Hours: Mon. - Fri. 9-8:30; Sat. 9-5
Wed. 9-4:30; Sat. 9-5

HARVEY Z. MARTIN
HAY AND STRAW SALE
WILL BE DISCONTINUED UNTIL FURTHER NOTICE.
HOWEVER, WE WILL STILL BUY HAY & STRAW PRIVATELY AND ON ORDERS.
For More Information
Phone: 215-445-5303

Livestock market and auction news

THE OLD FARMER'S ALMANAC

JAN. 1-7, 1979

Happy New Year to all!

Order seed catalogs now Teddy Roosevelt died Jan 6, 1919 First quarter of the moon Jan 5 Average length of days for the week, 9 hours, 10 minutes At 5 PM on the 4th, the earth will be at its closest point to the sun — 91,405,000 miles compared to 94,509,000 next July 3rd Alaska admitted to Union Jan. 3, 1959 *Let thy discontents be secrets*

Ask the Old Farmer: In his book *Cape Cod Yesterdays* Joseph C Lincoln mentions a "billiards and pool and sipio parlor in Chatham, Massachusetts What was "sipio?" T L, New Bedford, Mass

Sipio is a variety of pool, played with 15 numbered balls and the same amount of numbered holes into which the balls are directed to enter

Home Hints: To make a quick ice-pack, fill a rubber glove with cracked ice and tie the wrist

OLD FARMER'S WEATHER FORECASTS

New England: Cloudy with some flurries to midweek, then clearing and very cold

Greater New York-New Jersey: Very cold, then snowstorm, heavy south, then heavy rain and sleet, milder by week's end

Middle Atlantic Coastal: Week begins partly sunny and very cold, snow at midweek, warm weekend

Piedmont & Southeast Coastal: Cold with snow and sleet, some clearing and very cold last part of week

Florida: Clear with frost north, warming with rain north for end of week

Upstate NY-Toronto & Montreal: Clear and cold with light snow west to start, warming by week's end

Greater Ohio Valley: Very cold with flurries, light snow for week's end

Deep South: First of week brings snow north and rain south, then cloudy and cold with rain or sleet for remainder of week

Chicago & Southern Great Lakes: Very cold, seasonal with snow all week.

Northern Great Plains-Great Lakes: Week starts very cold and cloudy with light snow, snow west, heavier in east for last of week

Central Great Plains: Light snow, very cold first part of week, then cloudy and cold east, flurries in the west

Texas-Oklahoma: Snow north with light rain south and west, showery through week's end

Rocky Mountain: Snow, clearing in south by last of week

Southwest Desert: Partly cloudy all week, cold south

Pacific Northwest: Showery throughout the week

California: Week starts rainy with snow in the mts, cloudy through week's end

(All Rights Reserved Yankee, Inc Dublin N H 03444)

Pa. Auction Summary

Pa. Auction Summary of 9 Livestock Auction Market Reports December 29, 1978

CATTLE 3842. Compared to 4207 last week and 5270 a year ago. Compared with last week's market, slaughter steers mostly steady to $1.00 higher. Slaughter heifers steady to $1.50 higher. Slaughter cows $1.00-2.00 higher, spots 4.00 higher. Slaughter bullocks and slaughter bulls steady to $2.00 higher. High Choice & Prime YG 3-4 slaughter steers 58.50-60.00; Choice YG 2-4 57.00-59.75; Good 53.00-57.00; Standard 49.50-54.00. Choice YG slaughter heifers 55.00-58.50; Good 51.00-55.00; few Standard 50.00-52.75. Utility & Commercial slaughter cows 45.00-52.75, Cutters 42.00-49.00, Canner & low Cutter 40.00-45.00. Choice slaughter bullocks 56.50-60.50, Good 54.00-58.80. Yield Grade #1, 1000-2200 lbs. 50.00-60.00, Yield Grade #2, 900-1600 lbs. 48.00-56.00.

FEEDER CATTLE: Good & Choice 300-800 lbs. steers 58.00-69.50.

CALVES 2686. Compared to 3500 last week and 3184 a year ago. Vealers steady to 5.00 higher. Prime vealers 100.00-115.00, few 130.00; Choice 82.00-104.00; Good 72.00-90.00. Standard & Good 90-120 lbs. 70.00-78.00; 70-90 lbs. 60.00-72.00, Utility 50-100 lbs. 45.00-63.00.

FARM CALVES: Holstein Bulls 90-120 lbs. 72.00-104.00. Holstein Heifers 85-130 lbs. 71.00-119.00, few 130.00.

HOGS 4757. Compared to 6727 last week and 5575 a year ago. Barrows and gilts unevenly steady. US No. 1-2 200-240 lbs. barrows & gilts 53.00-55.00, No. 1-3 200-250 lbs. 52.00-54.00, No. 2-3 190-265 lbs. 49.00-53.00, No. 1-3 140-190 lbs. 45.00-53.00. SOWS mostly steady. US No. 1-3 300-575 lbs. sows 40.00-46.50, No. 2-3 300-650 lbs. 38.00-42.00. BOARS 28.00-40.00.

FEEDER PIGS 534. Compared to 1474 last week and 983 a year ago, highly uneven. US No. 1-3 20-35 lbs. feeder pigs 18.00-36.00 per head, No. 1-3 35-50 lbs. 25.00-48.00, No. 1-3 50-80 lbs. 48.00-62.50.

GRADED FEEDER PIGS 2850. ALL SALES CWT. Compared with 2879 head last week, and 2072 head a year ago. Feeder pigs $3.00-8.00 higher, spots 12.00 higher. US No. 1-2 25-40 lbs. 130.00-135.00, 40-50 lbs. 111.00-125.00, 50-60 lbs. 103.00-116.00; 60-90 lbs. 73.00-101.00, US 2-3 35-50 lbs. 91.00-115.00, 50-65 lbs. 78.00-108.00.

SHEEP 198. Compared to 380 last week and 184 a year ago. Wooled slaughter lambs strong to mostly 2.00 higher. Choice 70-105 lbs. 62.50-75.00, Good 60-100 lbs. 54.00-65.00. Slaughter ewes 25.00-38.00.

Market courtesy of USDA.

Oklahoma Cattle

December 28, 1978

Thursday feeder cattle auction and weekly summary cattle and calves: 1006.

Cattle Auction: Moderately active, trading little more than a clean up affair, represented classes near steady; majority receipts Choice and mixed Good and Choice 300-650 lbs. feeder steers and 300-600 lbs. feeder heifers; moderate attendance of buyers.

FEEDER STEERS: Choice, few Prime, 300-400 lbs. 81.50-86.50, small lot 229 lbs. at 88.00; 400-500 lbs. 80.25-84.50; small lot 527 lbs. at 75.50; few 600-700 lbs. 67.50-71.50; few 700-750 lbs. 66.00-69.00; mixed Good and Choice 300-500 lbs. 76.00-81.50; few 500-775 lbs. 64.25-69.00.

FEEDER HEIFERS: Choice, few Prime, 300-400 lbs 70.50-74.00, part load 287 lbs. at 75.25; 400-500 lbs. 67.50-71.50; 500-650 lbs. 63.00-67.25, package 710 lbs. at 61.50; mixed Good and Choice 300-500 lbs. 64.50-66.75; 500-525 lbs.63.50-64.50; Good 350-500 lbs. 63.00-63.25; 500-650 lbs. 59.50-62.00.

FOR THE WEEK: Compared to last weeks close, feeder cattle and calves poorly tested from day to day, generally steady; slaughter cows near steady on small supplies; Utility and Commercial 2-3 43.25; Cutter 1-3 41.50-43.75; Canner and low Cutter 40.50-41.75; slaughter bulls very scarce, few YG 1-2 1000-1600 lbs. 53.75-56.25. Salable receipts near 1700 head for the holiday shortened week compared to 9990 last week and 3069 for the comparable period a year ago. Cows and bulls numbered near 400 head and comprised 24 percent of the cattle receipts; feeders made up 76 percent of the supplies.

Market courtesy of USDA.

Joliet Cattle

December 28, 1978

Friday through Wednesday's salable receipts 5,800, 5 days last week 6,173, same period last year 7,896 Trading slow to moderate on slaughter steers. Trading moderately active to active on slaughter heifers Average Choice and better steers closed the week 25 to 50 higher than Wednesay of last week. Good to average Choice steers steady to 25 higher. Slaughter heifers 75 to 1.00 higher. Cows 4.50-5.00 higher.

SLAUGHTER STEERS Mixed high Choice and Prime 3-4, few 5, 1150-1300 lbs. 57.25-57.75 Tuesday, load 4-5 1425 lbs. 56.00 Tuesday, Wednesday Mixed Good and Choice 2-3 1000-1250 lbs 55.00-56.00, some 56.00-56.50 Tuesday. Part load mixed Good and Choice holsteins 1400 lbs. 51.50 Tuesday.

SLAUGHTER HEIFERS Mixed Choice and Prime 3-4, few 5, 950-1100 lbs. 55.00-56.00, 1 load 56.25 Tuesday; 56.25-56.50, 1 load 56.75 Wednesday. Choice 2-4 900-1050 lbs 55.00-55.75 Tuesday; 55.25-56.25 Wednesday. Mixed Good and Choice 2-3 800-1000 lbs. 54.00-55.00 Tuesday 54.25-55.25 Wednesday

COWS. Utility and Commercial 1-3 43.50-45.50 Tuesday 44.50-46.50 Wednesday 46.50-49.00 Thursday

Market courtesy of USDA

New Holland Dairy

New Holland Sales Stables Wednesday, December 27

Reported receipts of 94 cows and 92 heifers. Market steady with last week's market.

Load of Pa. fresh 750-1410; load of N.Y., purebreds and grades, fresh 880-1400, springers 950-1650; load of Pa. purebreds and grades, fresh 660-1225, springers 860-1660; load of Pa. fresh 975-1075; load of Md. fresh 700-1025, springers 950-1075; local cows 700-1275; springing heifers 725-930; open heifers 350-575.

All things considered

HEREFORD FOR ASSISTANCE IN LOCATING HEREFORD BULLS OR FEMALES

No Cost...No Obligation

Contact Your American Hereford Association Field Representative

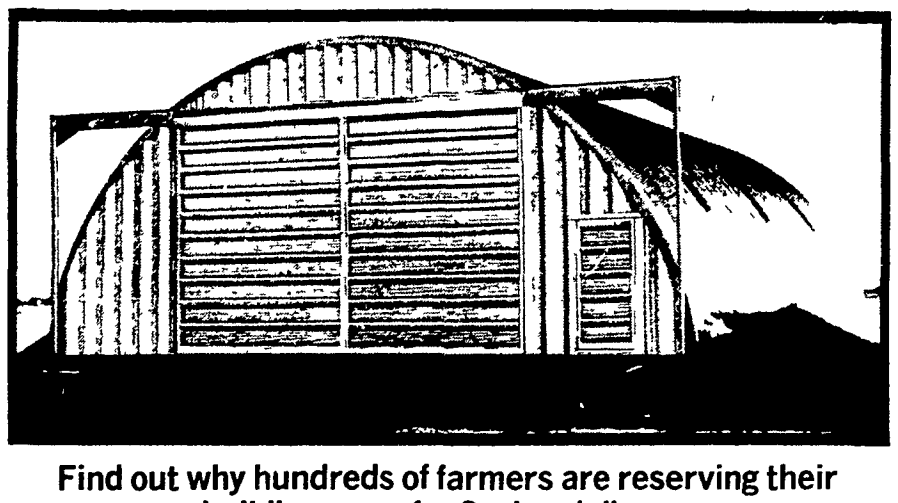
RICK HICKENBOTTOM

715 Hereford Drive
Kansas City, Mo. 64105
816/842-3757

AREA:
New York, Pennsylvania, New England

MID-ATLANTIC STEEL BUILDINGS

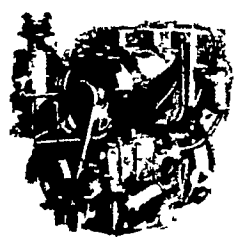
FACTORY TO YOU COMPANY
FOR FARM - COMMERCIAL - INDUSTRIAL USE



Find out why hundreds of farmers are reserving their buildings now for Spring delivery.

MIRACLE SPAN

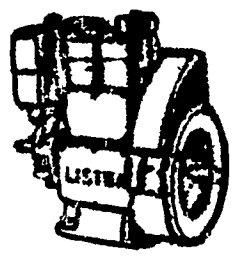
RD1, BOX 5, CHRISTIANA, PA 17509
(Lancaster County) PHONE: 215-593-5326



SMUCKER'S ENGINE SHOP

DISTRIBUTOR FOR:

SLANZI, PERKINS & LISTER DIESELS



- Good used diesel engines
- New Sputnik wheels and Parts.

CHOOSE THE MODEL FOR YOUR NEED

St 1-2 & 3-4½ - 35 hp.
SR 2-12 hp.
As is $550
Completely rebuilt $1350

HR 2-3-4 & 6-17-113 hp.
DVA 1500 Slanzi
As is $550
Completely rebuilt $1350

CALL HORNING'S WAREHOUSE 717-354-4158 or IF NO ANSWER CALL 717-354-4374

SMUCKER'S ENGINE SHOP

RD 1, GORDONVILLE, PA.

For lower cost per hour power, rely on

Lister

SALES & SERVICE
DIESEL & GAS

DIESEL POWER

WHEN THE STORM HITS . . . IT'S TOO LATE TO BUY A

FIDELITY ALTERNATOR

THE EMPLOYEES OF FIDELITY ELECTRIC COMPANY — ALONG WITH DISTRIBUTORS AND DEALERS MOBILIZE OUR RESOURCES —

WHENEVER . . . WHEREVER . . .
A STORM CAUSES POWER OUTAGES.

Even with our careful planning, we are unable to meet the needs of our valued customers under storm conditions. The purchase and installation of a stand-by alternator should be accomplished with care - which is not possible under storm conditions. In order to insure that your alternator is properly sized and installed:

CONTACT YOUR FIDELITY DISTRIBUTOR OR DEALER TODAY!

AREA DISTRIBUTORS:

AGRI POWER & EQUIPMENT, INC.
Mr Robert Nick
640 Millcross Road
Lancaster, PA 17601
717-394-9251

TOM DUNLAP
R D #4
Jersey Shore, PA 17740
717-753-3196

W & J DAIRY SALES
MR. WILLIAM GUHL
R.R #2
Oxford, PA 19363
717-529-2569

PENNSYLVANIA DEALERS:

DON SHULACK EQUIPMENT
R D. 1, Box 114
Avon Valley, PA 16120

LONGACRE ELECTRIC
602 Main St.
Bally, PA 19503
215-845-2261

DIEHL EQUIPMENT CO.
R D 4
Bedford, PA 15522
814-847-2654

MR. ALFRED MAURHOFF
Cabot, PA 16023
412-352-2629

LOHR EQUIPMENT & FEED
Box 44
Canter, PA 15548
814-893-5028

C & W EQUIPMENT
260 York St.
Carlisle, PA 17013
717-243-4419

MR. RUSSEL SMELTZER
Center Hall, PA 16828
814-238-8275
814-364-9353

DAN UPPERMAN
R D 3
Chambersburg, PA 17201
717-264-6007

STOLTZFUS FARM SERVICE INC.
Box 295
Cochranville, PA 19330
215-593-2407

HINES EQUIPMENT
RD
Cresson, PA 16630
814-886-4183

MECKLEY DALMATIA
Dalmatia, PA 17017
717-758-3021

CHASE FARM SUPPLY
c/o Jim Chase
RD 2, Box 90
Dushore, PA 18614
717-924-3757

BRANDT'S FARM SUPPLY
601 E High St
Elizabethtown, PA 17022
717-367-1221

GLENN HERR
Rt 7
Gettysburg, PA 17325
717-637-9632

RUBIN NESS
Rt 7
Gettysburg, PA 17325
717-624 8424

MR. DENNIS GRAHM
RD 3
Greensburg, PA 15601
412-925-3897
412-843-3162

MR. ALLEN MARTIN
RD 1
Jackson Center, PA 16133
412-662-2883

ECH-ELECTRIC ENTERPRISE
RD #2
Kempton, PA
215-756-6821

MR. WILLIAM HANSEL
Knoxville, PA 16928
814-326-4586

HUGES BROTHERS
LaJose, PA 15753
814-277-6401

MARLIN SHEIBLEY
RD
Landisburg, PA
717-789-3792

BRICKERVILLE EQUIPMENT
R D 1
Lititz, PA 17543
717-626-6198

SWOPE & BASHORE
R D 1 (Frystown)
Myerstown, PA
717-933-4138

ERB & HENRY
2226 Henry Ave
New Berlinville, PA 19545
215-367-2169

PHARES EBERLY
R D 1
New Holland, PA 17557
717-354-7889

EARL WEAVER
R D. 1
New Holland, PA 17557
717-354-7510

RON ACHENBACH
Rt. 1 - Box 187-A
Penn Argyl, PA 18072
215-863-5524

HISTAND'S FARM & HOME SERVICE
RD 1
Rome, PA 18837
717-744-2371

RAY ZIMMERMAN
RD 1
Turbotville, PA 17772
717-649-5430

ROSS TRACTOR SALES
53 Woodland Ave
Waynesburg, PA 15470
412-627-6966 or
627-5166

MR. GEORGE LAWTON
55 Woodland Ave
Wellsboro, PA 16901
717-724-3015

NEW YORK DEALERS:

MR. RALPH BOWERMAN
452 Bowerman Rd
Macedon, NY 14502
716-924-3418

MR. KURT VAN DORN
Mount Morris, NY 14510
716-658-3730

MARWELL WELDING SUPPLY
Box 186
New Woodstock, NY 13161
315-655-9226

MR. TED. MARSHALL
Venice Center, NY 13161
315-364-8452

MARYLAND DEALERS:

LIBERTY HOMES
Rt 1 - Box 369
Berlin, MD 21811
301-641-2334

LAUREL RUN FARM SUPPLY
Grantsville, MD 21536
301-895-5567

GEORGE BRUCHEY
6450 Middleberg Rd
Keymar, MD 21757
301-662-6963

WALTER WEBSTER
Box 345
Street, MD 21154
301-452-8521

DELAWARE DEALERS:

O. A. NEWTON & CO.
Bridgeville, DE 19333
302-337-8211
(Irrigation Dealer)

SAM YODER & SON, INC.
R D 1, Box 150
Greenwood, DE 19950
302-422-5010

NEW JERSEY DEALERS:

MR. WILLIAM SYSTEMA
RD 3
Sussex, NJ 07461
201-875-5449

LOUIS TOLOTTI
2455 Cornucopia Ave
Vineland, NJ 08360
609-691-4622

VIRGINIA DEALER

BLUE RIDGE AGRI SERVICE
Box 177, Rt 11 North
Mt Sidney, VA
703-248-1196

FIDELITY ELECTRIC COMPANY INC.
332 NORTH ARCH STREET
LANCASTER, PENN 17603
717-397-8231

VISIT THE FIDELITY BOOTH AT THE PA. FARM SHOW . . . BOOTH E861 & 851 EAST HALL.

Livestock market

Lancaster Weekly

(Continued from Page 2)

61.75-64.75; yield grade 2 1000-1350 lbs. 53.00-57.00.

VEAL CALVES: Vealers 2.00-5.00 higher, instances 8.00 higher on Choice and Prime.

VEALERS: Prime 270-395 lbs. 106.00-115.00; Choice 150-320 lbs. 86.00-104.00 few at the close 105.00-110.00, 110-150 lbs. 85.00-98.00; high Good and low Choice 115-280 lbs. 75.00-90.00, 90-115 lbs. 68.00-76.00, 60-90 lbs. 62.00-75.00.

RETURNED TO FARM: Bulk 85-115 lbs. Holstein bulls 76.00-92.00, few 92.00-101.00; 17 head 90-115 lbs. Holstein heifers 127.00-130.00, few 80-90 lbs. 110.00-121.00; bulks 95-115 lbs. 85.00-100.00.

Market courtesy of USDA.

Valley Livestock

Valley Stockyards
Athens, Pa.
Tues., December 26, 1978

Reported receipts of 311 calves, 79 cows, 11 hogs, 8 heifers, 15 lambs, 6 bulls, and one steer. Cattle market much higher and calf market steady.

Veals 85.00-92.00; bobs, 90 to 110 lbs. 76.00-78.00; bobs, 80 lbs. and down 72.00-75.00; grassers and feeders 42.50-54.25; lambs 56.00-74.00; hogs, 200 to 250 lbs. 48.50-54.50; sows 33.50-40.00; boars 33.00-38.00; pigs, not enough to establish market; heifers 45.00-49.00; steers, good 53.00-54.50; steers, common 49.00-50.00; bulls 48.00-58.50; cows, good 48.50-50.00; cows, medium 46.00-47.00; cows, poor or small 36.00-45.00.

SPORTING CHOICE

For 20-mile-a-day comfort, sportsmen choose Red Wing Irish Setters.
*Sizes 6-16
Widths AA-EEEE
*Not all sizes in all widths.

RED WING

BOOKS
SHOE SERVICE
107 E. STATE ST.
QUARRYVILLE, PA 17566
717-786-2795

EDITORIAL COMMENTS By DIETER KRIEG, EDITOR

Joy to the world?

Now that most of us have stopped singing "Joy to the World" and a brand new year is just around the corner, we can take a few minutes and reflect on developments which may well have profound effects on our lives.

Undoubtedly the most significant development on the world scene is President Carter's recognition of communist China. It's a move which at best can be viewed as a desperate attempt to improve American business. At worst, it's treason.

While the recognition of the communist giant isn't so bad in itself - we're all hoping that it will advance the cause of freedom and peace - the dumping of the Nationalist Chinese on Taiwan is absolutely deplorable.

President Carter, who during his campaign vowed he would never do what he has now done (unfairly abandoning Taiwan) has leveled this country's credibility to that of the Soviets and some of the worst tyrants that have ruled on Earth.

The abandonement of Taiwan is not only a kick in the pants for that country, it represents the selling out of America's trustworthiness. Many Americans have long ago found out that Jimmy Carter's words are shamefully worthless. Now the world will have that impression of an entire country.

In abandoning Taiwan, Jimmy Carter has also abandoned the hopes of both free and enslaved peoples around the world. Much of the world's population has looked up to America for decade after decade. Sending Taiwan adrift, and towards the very likely possibility of being absorbed by the communists of mainland China, gives people little reason to respect a country which is supposed to be the greatest in the world and a champion of human rights.

The recognition of commnist China I can understand. The abandonment of Taiwan is a crime. We - no, not we - Jimmy Carter has sold our integrity and signaled the world, especially Taiwan, that he couldn't really care less about human rights.

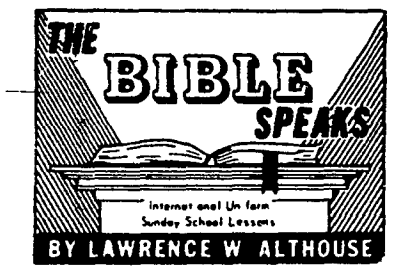
We can only hope that the change of leadership on mainaln~~d~~ China represents fresh ideas and a chance for freedom for the nearly billion people that inhabit that vast land. Nevertheless, it's difficult to understand why Jimmy Carter is convinced we have to dump Taiwan in order to have official recognition of the communist government on the mainland.

While several reasons are being cited for the recognition of communist China, among them being possible leverage against the other communist giant - the Soviet Union - trade and dollars are probably the single most important reason. If China will pay for what it buys from us, then the United States can probably have a big dollar harvest over there. It would be a significant plus for America's trade balance and help float the sinking American dollar.

Now, how about agricultural trade. Taiwan has been a good trading partner and it's a land which needs and buys agricultural products from other countries. It's understood that the communist government on the mainland would like to have some of the products of our free enterprise system - both goods and technology We'll probably sell them some farm products, but not anywhere near the potential. The Chinese will prefer to raise their own food, and nobody can blame them for that. Greater chances of trade undoubtedly exist for farm machinery and technology That's what they need to improve their own methods.

So with the likelihood of more American farm equipment going overseas, and agricultural exports probably not increasing all that much, where does that leave the American farmer who is already complaining about the high costs of machinery?

The recognition of communist China wasn't wisely negotiated. I hope time proves me wrong.



NOW, AFTER THE PARTY

Lesson for December 31

Background Scripture:
Luke 2:21-38
Devotional Reading:
Isaiah 9:2-7

By the time you read this column, the birthday party for Jesus Christ will already be over for many people. They will be "back to work" and "back to normal," with only the Christmas bills and a few decorations as a continuing reminder of the celebration.

Actually, that's pretty much the way it was at the first Christmas. Remember, only a few shepherds in the fields of Bethlehem celebrated the Messiah's birth. The rest of the community, let alone the rest of the world, wasn't even aware that there was anything to celebrate.

Later, when the shepherds were back at work with their sheep, when the morning star had faded into the eastern sky, Mary and Joseph took their newborn child to the temple according to custom. Certain rituals needed to be performed before they returned to Nazareth.

Back To Normal?

Perhaps for them too it seemed that the party was over. The angelic voices were gone, the shepherds had returned to their flocks, and they were about to return to their home in Galilee. But at the temple in Jerusalem they met two senior citizens, two aged "nobodys" who would make it clear to Joseph and Mary that though the party was over, the celebration would continue and no one need ever go home in the same spirit in which he came.

Now Depart In Piece...

Once more God seemed to make a strange selection of personnel. Just as he surprises us by selecting a group of shepherds as the sole celebrants of his Son's birth, so now he chooses two unlikely people to make manifest the enduring significance of that celebration. Though all Israel looked for a warrior-Messiah, the aged Simeon looked at the infant Jesus and suddenly in his heart knew that in this child God had kept his ancient promise to both Israel and the whole world.

The world was still full of corruption, sin, brutality, misery and injustice, but Simeon could let go of life still celebrating the love of God, though the party seemed to be over. And isn't that true for us too? Another Christmas celebration has come and gone and the world still seems to lie in darkness. Still, if the celebration of Christ's birth means anything to us at all, isn't it the same reality that found expression in Simeon's confession of faith? Now that the party is over, let us take the celebration with us, knowing with Simeon that we can "depart in peace," our own eyes having seen the salvation that God has prepared for us and all men who will receive it!

To fracture an old saying, isn't the proof of the party in the way we go home from it? In other words: if the party is worth anything at all, won't it "go with us" in some way — even if just for a while?

NOW IS THE TIME

By Max Smith, Lancaster County Agricultural Agent
Phone 394-6851

TO BEWARE OF CONDENSATION

When extra moisture develops on walls or ceilings it's a sign of too much moisture and too little ventilation. This often occurs during cold weather in both homes and livestock buildings. Extra insulation will often help to prevent the warm air from contacting cold surfaces. On windows it could mean the need for storm sash, or from excess moisture in the home. Structures that are wet from condensation will soon rot and have to be replaced. We suggest some attention be given, if the problem exists.

TO PRODUCE QUALITY MILK

Dairying is the major farm enterprise in this part of the country. With a greater population there should be increased milk consumption. All dairymen should be certain they are producing a quality product. Milk flavor is a very important thing if we are to get more folks to drink milk. Dairymen should be certain that feed odors, such as silage, do not end up in the consumer's milk. Silage should be fed to the milking herd after the milking period; when fed 2 to 3 hours prior to the milking time, silage-flavored milk can be expected. A top quality product should be the goal of every producer.

TO ENFORCE FARM POND SAFETY

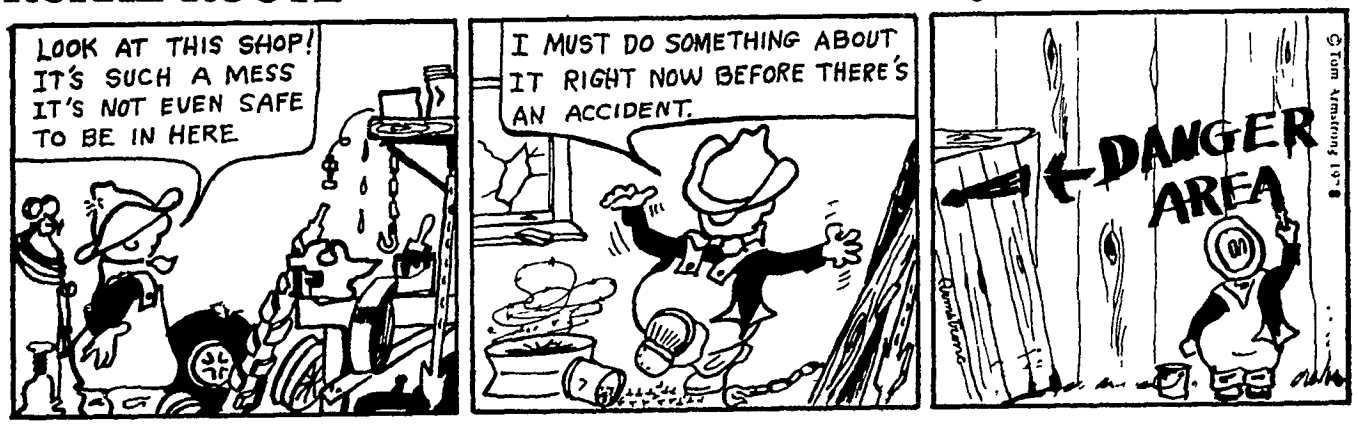
When farm ponds become covered with ice they are a very attractive winter-time sport scene. Ice skating is a popular sport and ponds will provide great outdoor recreation when properly supervised. We urge pond owners to have rescue equipment at the pond. Wooden ladders, wooden boards, ropes, or other lightweight items that will distribute weight are suggested. Due to the ice-cold water rescue must be quick at this time of the year. In checking the strength of ice keep in mind that usually ice that is 2 to 3 inches thick will support an average person. With a group of skaters ice should be from 3 to 4 inches thick. Spring-fed ponds will not freeze as fast as those fed from other sources. Also, the end of the pond where the water enters may be the last to freeze and have the thinnest ice. Ice skaters be careful; that water is very cold.

TO BE CAREFUL WITH SALT ABRASIVES

Slippery roads, walks, and steps will be a common hazard in the next few months. Many folks use salt too freely in cutting the ice; it may get the job done but also, may injure nearby turf or shrubbery. I'd suggest the use of sand, sawdust, or any granulated fertilizer. These materials will make the surface more safe without possible injury to vegetation.

In areas without any vegetation salt will give good results. Along our main highways there is some evidence that the constant use of salt is inflicting injury to nearby trees and shrubs Don't let this happen to your favorite tree, shrub, or the turf lining your walks.

RURAL ROUTE By Tom Armstrong


LOOK AT THIS SHOP! IT'S SUCH A MESS IT'S NOT EVEN SAFE TO BE IN HERE
I MUST DO SOMETHING ABOUT IT RIGHT NOW BEFORE THERE'S AN ACCIDENT.
DANGER AREA
© Tom Armstrong 1978

Farm Calendar

Tuesday, Jan. 2

Ephrata Area Young Farmers officers and committee meeting, 7:45 p.m. at Ephrata Jr. High School.

Wednesday, Jan. 3

Hunterdon County (N.J.) Board of Agriculture meeting at the Extension Center, Flemington, 8 p.m.

Lancaster County Conservation District directors meeting, 7:30 p.m. at the Farm and Home Center.

Lancaster County corn and tobacco show at the Farm and Home Center, 10 a.m.

Farm income tax meetings, Chambersburg Holiday Inn, southside, intersection of Route 316 and I-81.

Thursday, Jan. 4

Fifth Annual Mid-Atlantic No-Till Conference, 10 a.m. to 3 p.m. at the Host Farm Resort, east of Lancaster on Route 30.

Area income tax meeting, 9:30 a.m. to 3 p.m. at the Lancaster Farm and Home Center.

Workshops for estate planning professionals, Embers Restaurant, Carlisle, 9 a.m. to 4 p.m.

Southeastern Pennsylvania Nursery meeting, Westover Inn and Golf Club, S. Schuylkill Ave., Jeffersonville, 1 p.m.

Friday, Jan. 5

Farm income tax meeting, Collegeville Inn, Route 422, east of Route 29.

Donkey basketball at Garden Spot High School, 7:30 p.m. FFA program.

HERSHEY EQUIPMENT COMPANY, INC.

SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA. 17603
(717) 393-5807

Hi Friends

Here is the New Year we were looking forward to! This is a new road; we never walked here before. We are excited about the challenges and opportunities that will be ours this year. Our Goal is to be a better company in 1979, than we have ever been before.

This is our New Year's wish for all of you, as we walk this new road together. That the challenges and opportunities of your life will make you a better person, too. This will make 1979 a Happy and Profitable year for all of us.

May the New Year bring you Health, Happiness and Prosperity.

Donald C. Hershey
Joyce A. Hershey

Rootworms pose threat to first year corn

BLOOMINGTON, Ill. — Most corn producers are aware of the threat rootworms, whether they are of the northern, southern or western species, pose to continuous corn and take steps to prevent potential yield loss by applying soil insecticides. Few growers, however, know that this insect can reduce the yield of first-year corn, say agronomists with Funk Seeds International.

They point out that growers who try to save on pesticide costs in first-year corn by not treating for rootworms may stand to lose more than the cost of treatment.

"My philosophy is that producers can't afford to grow first-year corn following soybeans without an insecticide because of corn rootworm," says Funk agronomist Dr. Bill Craig.

Craig feels some growers think the potential for rootworm damage is absent in first-year corn because soybeans are not a good host crop for a build-up of rootworm populations.

However, he points out that a soybean field can be a good place for rootworms to multiply to economically damaging levels if it is weedy.

"If there's a weedy soybean field, whether it's grasses, broadleaf weeds or volunteer corn, the weeds will furnish the rootworm beetles with a food supply while they are mobile and depositing eggs for the next generation, from midsummer on," Dr. Craig explains. "When flowering, these weeds serve as hosts for the beetles, which feed on the pollen.

"In a clean soybean field, the problem is less likely to occur, but rootworm beetles will migrate to a soybean field, particularly if it is close to a corn field or if it is dry and the soybeans are lusher than the surrounding vegetation."

Craig encourages growers to apply a soil insecticide when planting corn in a field that had been a soybeans the previous year. He points out that several registered insecticides, including Amaze, Counter, Dyfonate, Furadan, Lorsban, Mocap and Thimet, give good rootworm control.

"If they plant early, growers might consider a split application of the insecticide, which usually means applying half of the recommended rate at planting and the other half at lay-by or the last cultiviation," he says. "However, specialists do not recommend that the full recommended rate be exceeded, whether the insecticide is applied all at once or in a split application."

It costs $6-$8 an acre to treat for rootworms, according to Dr. Craig, but it doesn't take much of a saving in yield loss to offset the cost of treatment.

It's been proven over and over that one rootworm per corn plant can cost a grower eight-tenths of a bushel in yield loss per acre," Coffman says. "If you figure that the average rootworm beetle lays 1,000 eggs and 20 per cent of these hatch, the potential for yield loss is great."

Coffman says volunteer corn and some 20 kinds of weeds, including foxtail, serve as hosts for corn rootworm beetles. The abundance of these weeds in soybean fields in 1978 meant a plentiful supply of food for the egg-laying beetles, increasing the rootworm threat to first-year corn in 1979.

For further information, contact Sam Brungardt, Bader Rutter and Associates, Inc., 733 N. Van Buren, Milwaukee, Wis., 53202.

Md. Farm and Land Institute sets date for meeting, workshop

COLLEGE PARK, Md. - After 16 years on the University of Maryland campus at College Park, the board of directors for Maryland chapter No. 32 of the Farm and Land Institute has decided to make its annual meeting and educational workshop a peripatetic event by moving it around the state from year to year.

As a started, the 70th annual event is set for February 12-14, 1979, in the Sheraton Motor Inn, located east of Hagerstown on U.S. highway 40.

Major theme for this year's workshop will be "How to Establish the Value of Rural Real Estate." Other topics will include a discussion of recent legislation dealing with land transfers and land use in Maryland and the nation.

Workshop instructors will be College of Agriculture faculty members from the University of Maryland. They will include Dr. Sidney Ishee, Dr. George A. Stevens and Dr. John W. Wysong, all professors of agricultural and resource economics.

The chapter's annual business meeting will begin at 1:30 p.m. on February 12, with the annual social hour and banquet scheduled that evening.

Daytime workshop sessions are set for February 13 and 14. Because of space restrictions, workshop enrollment will be limited to the first 100 persons who register.

Registration for the FLI chapter's 1979 annual meeting and workshop at Hagerstown can be made by contacting: William D. Cissel, Sec'y-Treasurer, Maryland chapter No. 32 Farm and Land Institute, R.D. 2, Box 120, Rising Sun, Md. 21911, (301) 658-6267.

Additional information concerning the workshop can be obtained from Dr. Ray A. Murray, Extension agricultural economist, 2105 Symons Hall, University of Maryland, College Park, Md. 20742; (301) 454-3807.

Maryland chapter No. 32 of the Farm and Land Institute has membership in both Maryland and Delaware. Interested persons in adjoining areas of Pennsylvania, Virginia and West Virginia are also welcome to attend its meetings.

Seminar on depression to be held

BROWNSTOWN — The Brownstown Christian Counseling Center in Brownstown, is planning to conduct a one evening seminar on the topic of helping a depressed person. The course will deal with the four basic root causes of depression, physiology and depression and steps that are conducive in helping a depressed person.

The seminar will be conducted by Mr. Walt Croom who is the founder and director of the Brownstown Chrisitan Counseling Center.

Mr. Croom has written numerous articles, tracts and booklets. He is also the author of the Christian Living Series which appears in booklet and cassette tape album form.

The seminar on how to help a depressed person will be conducted January 26, 1979. For more information please contact the Brownstown Christian Counseling Center at 717-859-3056.

Figure it for yourself.

When you shortchange their nutrition, you shortchange yourself.

Looking for ways to cut on down on out-of-pocket feed costs without cutting down on milk production?

Cutting production costs will backfire if you end up shortchanging your herd's nutrition in the process.

But you can cut those costs safely by feeding homegrown grains and grain silage fortified with the right Vigortone Dairy Pre-Mix. These potent pre-mixes contain the proper levels of vitamins, calcium, phosphorus, and other minerals needed to balance your farm's feedstuffs.

Vigortone Dairy Pre-Mixes can be mixed in or metered on any palatable grain or roughage. This lets you change ration content to fit the supplies you have on hand without risking herd performance.

Better herd nutrition means a bigger milk check. Minimum out-of-pocket feed costs mean more in your pocket.

Your figures will prove it.

Dry cow nutrition pays future profits.

Shortchanging your dry cow's nutrition can be risky too. Most problems dairymen experience in getting cows back in the string can be traced to careless treatment during the dry period.

Keep them in top condition until their next lactation. To help you do it, Vigortone has developed unique dairy pre-mixes specially concentrated for dry cow rations.

Now is the time to compare.

See your Vigortone dealer soon. He's ready to compare the performance of Vigortone's cost-saving dairy feeding programs with any other you name.

VIGORTONE

PRE-MIXES It's Time To Compare!

50 branch offices — 5000 dealers — 3 manufacturing plants

FOR FURTHER INFORMATION CONTACT YOUR LOCAL REPRESENTATIVES LISTED BELOW

LEON B. HERSHEY
Box 265 Paradise, PA
717-442-4807

B. RUSSELL SAUDER
R5, Box 322A Manheim, PA
717-665-4153

JASON E MILLER
169 Strasburg Pike
Lancaster, PA
717-393-7244

WM. J. YODER
23 N Bridge St
Christiana, PA
215-593-2101

RAY E. HILLARD, JR.
R1, Box 220A Milroy, PA
717-667-2421

ALVIN ESH
Box 72 Intercourse, PA
717-768-3128

PAUL BITTNER
Germansville, PA
215-767-7140

H. MELVIN CHARLES
R1 Washington Boro, PA
717-684-5783

PETE CALDWELL
R1 Windsor, PA
717-246-1046

RALPH E. BRUNGART
Loganton, PA
717-725-2355

WERTZ BROTHERS
R5 Danville, PA
717-275-4407

CHESTER SOLTYS, JR.
Spring City, PA
215-948 3647

JAMES STUTZMAN SONS
R3 Kutztown, PA
215-683-7198
215-682-2624

SHERWOOD A. WITMER
Box 138 Berrysburg, PA
717-362-8823

THOMAS R. WORTHINGTON
R3 Muncy, PA
717-546-2313

PAUL L. KREIDER
R2 Palmyra, PA
717-964-3791

WILMER J. WEAVER
R1 Fredericksburg, PA
717-865-6710

J. CLYDE BRUBAKER
2418 Harrisburg Pike
Lancaster, PA
717-898-8984

C. GEORGE BOOK
R2, Box 80 Mifflintown, PA
717-527-2228

DAVID RADWANSKI
Box 51, R2 Mehoopany, PA
717-833-2752

ELAM G. HOOVER
R2, Box 531 Reading, PA
215-926-2903

ELWIN H. REAM
Hughesville, PA
717-584-4085

MARLIN J. GEESAMAN
Rt. 2 Box 286A
Newport, PA
717-582-4598

Results of beef wholesale trade told

WASHINGTON, D.C. - Secretary of Agriculture Bob Bergland has made public a staff report on beef carcass marketing and price reporting at the wholesale trading level.

At the same time, he said public hearings will be held on formula pricing of beef carcasses and packer-to-packer trading. He also said a task force will be appointed to study and recommend possible improvements that can be made in meat pricing and price reporting.

The report contains results of a study carried out by officials of the U.S. Department of Agriculture's packers and stockyards program. President Carter directed that a study be done following criticism of the beef price reporting system and the practice of selling and buying beef by formula. Some members of Congress also requested an investigation.

The report points out that the $20 billion beef industry—comprising more than 20 per cent of the cash receipts to American agriculture—has undergone substantial change in recent years. About four-fifths of the steers and heifers are now marketed directly from feedlots to slaughtering plants instead of through terminal and auction markets.

Both formula and negotiated pricing methods are used to arrive at sale prices. In the formula method, the sale price is based on the price published on a specified future date by a specific market reporting service.

In the study, packers and stockyards officials audited 35 packing plants, each with an annual slaughter of more than 60,000 head of cattle. Also audited were eight selected brokers and three principal market reporting services. The three are the "Yellow Sheets," published by the National Provisioner, Inc., Chicago, Ill.; the "Meat Sheet," published by Meat Sheet, Inc., Elmhurst, Ill.; and the USDA Market News Service.

Covering trading during a one-month period, the study showed that carcass beef price quotations published by two of the marketing reporting service-the Yellow Sheet and the Meat Sheet—were based on less than 2 per cent of the federally inspected steer and heifer slaughter. The combined quotations for five USDA Market News Service offices were based on less than 5 per cent of the slaughter.

The Yellow Sheet was found to be the main guide that meat packers used to bid on live cattle.

—Of the 31 packing firms who 35 plants were audited, eight packers—who each held 50 or more August fed cattle futures contracts—accounted for 44 per cent of the steers slaughtered in 1977 and more than half the total transactions recorded in the Yellow Sheet daily log for the period studied.

Charles Jennings, deputy administrator for the packers and stockyards program in the department's Agricultural Marketing Service, said the public hearings to be announced soon will give everyone interested the opportunity to offer views on an appropriate governmental policy concerning points brought out in the report.

A copy of the beef pricing report is available from: Information Division, AMS, room 3620-South Building, U.S. Department of Agriculture, Washington, D.C. 20250. Phone: (202) 447-7587.

Crop analyzer uses new techniques

UNIVERSITY PARK – Plant scientists at Penn State are using a revolutionary new crop analyzer to determine the nutrient value of animal feeds and cereal grains. The new instrument, an "infrared spectro computer," was reported December 7 during the 70th annual meeting of the American Society of Agronomy in Chicago.

Dr. John S. Shenk, plant breeder at The Pennsylvania State University, said the infrared scanner saves considerable time and funds in testing nutrient quality of thousand of experimental forage and cereal grain samples examined annually at the Pennsylvania Agricultural Experiment Station.

The technology represents a major breakthrough in reducing the time and cost required for nutrient analysis, Shenk affirmed. A sample can be analyzed for many nutrient components in two minutes. The infrared instrument scans experimental grains and forages for factors such as percentages of dry matter, protein, fiber, and total digestible nutrients.

Eventually, such infrared instruments may be available to livestock feeders through County agents' offices, feed stores, and hay marketing centers, he pointed out. Even more dramatic, weight gains and milk production might be predicted directly from forage samples rather than indirectly from the time-consuming chemical analyses and mathematical equations now used.

As now under test at Penn State, the spectro computer is too expensive and complex for widespread use. Thus, Shenk and associates are developing a smaller, more compact infrared instrument combined with a mini-computer. They believe this table-top instrument will predict accurately the quality of forages, grains, and feedstuffs.

The computer will come in handy, Shenk said, to update the nutritional value of feed and forage fed to cows in the Dairy Herd Improvement program (DHIA).

He indicated this new technology could be available as a routine service to farmers within two to five years. Before that, livestock feeding trials must be conducted on enough forage samples to calibrate the technique.

Broiler placement up 6%

HARRISBURG - Placements of broiler chicks in Pennsylvania during the week ending December 9 were six per cent above the corresponding week a year ago, according to the Pennsylvania Crop Reporting Service.

The placements were 2,005,000, one per cent above the previous week. Average placements during the past nine weeks were eight per cent above a year earlier.

Placements of broiler chicks in the 21 key poultry producing states were 72,217,000, about the same as the previous week but eight per cent more than the same week a year earlier. Average placements in the 21 states during the past nine weeks were eight per cent above a year ago.

The number of broiler-fryers slaughtered in Pennsylvania under federal inspection during the week ending November 29 were 1,384,000, with an average weight of 4.06 pound.

THE SYSTEMS PEOPLE

AGSTAR

The Quality ...

★ LIVESTOCK EQUIPMENT

★ ENVIRONMENTALLY CONTROLLED BUILDINGS FOR
• Farrowing • Fattening • Growing
• Nursery • Gestation

★ CALF AND VEAL CASTLE

★ PITLESS OR SELF-CONTAINED

AGSTAR BUILDINGS AND EQUIPMENT

A. Modular 24-ft. wide farrowing finishing, & gestation buildings.
B. Modular 12-ft. wide farrowing nursery & gestation buildings.
C. Lot or pasture fountains.
D. Hog lot gates & partitions.
E. Heavy duty hog & cattle waterers.
F. Big capacity feeders.
G. Ventilation equipment.
H. Round feeders.
I. Feed delivery systems.
J. Galvanized vertical pen partitions.
K. Hog troughs.
L. Porcelainized Steel slats.
M. Rotary feeders.
N. Porcelainized watering cups.
O. Baby pig feeders.
P. Farrowing stalls & pens.
Q. Pig heaters.
R. Nipple waterers.
S. Space-saver nursery feeders.
T. Flex auger systems & feed bins.
U. Gestation stalls & buildings.

★ We Sell, Service & Install.
★ Full Line Parts Department.

■ AGSTAR ENVIRONMENTALLY CONTROLLED BUILDINGS ARE ONE OF THE MOST COMPETITIVE COST PER ANIMAL SYSTEMS AVAILABLE ON THE MARKET TODAY!

EMHERR EQUIPMENT, INC.
RD3, Sprecher Road
Willow Street, PA
Lancaster Co.
717-464-3321

☐ Please send me more information
Name _____
Address _____
City _____
State _____ Zip _____
Phone _____

Safe snowmobiling starts with these tips

MOLINE, Ill. – After you've been snowmobiling for a few years, there's a tendency to ignore basic safety precautions and take shortcuts, say the people at John Deere who believe it's a good idea to review proper safety procedures every year to see how many you still follow...and how many you don't.

For example, do you check the throttle before taking off to make sure it's not stuck? When you're running here and there, stopping frequently, it's easy to become complacent about machine operation. Nevertheless, you should operate the throttle and the brake before you start the snowmobile...every time.

Some other checks to make frequently: Inspect the fuel tank to be sure you have enough fuel to get home, and to spot any cracks or leaks. Turn on the headlight and taillight to make sure they're in order. In fact, it's best to leave them on night or day as an extra margin of safety. Check the track for cuts, cracks, wear, tension and alignment. Check the drive belt. See that there's no water in the fuel filter. Check the operation of the steering system.

By keeping a careful eye on your snowmobile, you not only help ensure a safe return to home base; you also help increase the life of your machine. Take good care of your sled and it will give you years of trouble-free operation.

Every week, or following 200 miles of operation, you should review the following checklist.

Spark plug gap and condition.

Battery electrolyte level (electric start).

Chaincase oil level.

Ski alignment and tightness of attaching bolts.

Tightness of capscrew on lower drive chain sprocket.

Tightness of capscrew on driven sheave.

Tightness of capscrews on bogie wheels and their attaching assemblies.

Slide-rail wear bars and tension bolts.

Ski springs.

For the proper way to service and adjust your snowmobile, read the operator's manual. Keep it in the storage compartment of your sled for quick reference.

John Deere Safety Savvy

Use hand signals when traveling in groups

Planning a long trip? Tell a responsible person where you are going and when you expect to return. And most important, don't go alone. Use the "buddy" system to be sure you have assistance in case of an accident.

On any trip, long or short, be sure to carry an extra drive belt, extra spark plugs, and the tools to make minor repairs and adjustments. Some wooden kitchen matches and candy bars can be handy, too.

When the machine checks out and you have packed essentials, then you should review safe-driving procedures. Do you come to a complete stop at railroad and highway crossings? Do you stay off railroad right-of-ways? Are you familiar with all state and local regulations? Do you obey them? If your honest answer to any of these questions is "no," then you may be headed for trouble.

Do you keep your feet on the footrests of your snowmobile? Dragging a foot when turning a corner can lead to injury. Do you watch for hidden logs, snow-covered rocks, fence posts, and tree stumps? Do you stay on established trails when possible? Groomed trails are free of fences, guy wires, thin ice, overhanging tree limbs, and other hazards.

Here's a list of places to avoid: ski slopes, precarious drifts, thin ice, steep sidehills, avalanche areas, and fields posted as "private property" – unless you have permission. Avoid unnecessary jumping, passing on narrow trails, and intentional spins on ice. Never cut across another snowmobiler's path.

When traveling with a groups of snowmobilers, use hand signals so the person behind you knows what you plan to do. If you want to turn right, point to the right several times. Point to the left for a left turn. And hold your hand straight up, arm bent at the elbow, for a stop. Stay a safe distance behind the sled in front of you in case the driver has to stop suddenly. Watch for his red brake-taillight to signal a stop.

And finally, dress right to keep warm. Wear multiple layers of clothing to trap air inside for good insulation. Wear clothing specifically designed for snowmobiling. Always wear a safety helmet. Avoid scarves and loose belts that may be snagged by tree limbs or moving parts. Protect your face and eyes with a shield on your helmet or with goggles.

Heed these safety suggestions and you'll help prevent injury to yourself and others. Ignore them and you run the risk of causing a serious accident. Make the sport of snowmobiling fun for everyone by being safety-wise and cautious.

For a free copy of a snowmobile safety booklet, write John Deere, Department SSS, John Deere Road, Moline, Illinois 61265.

Shirk graduates as auctioneer

QUARRYVILLE - Gary Shirk, Quarryville R4, recently returned from Mason City, Iowa, where he completed a course at the Reisch World Wide College of Auctioneering. Shirk received training in all phases of auctioneering at the college, which is the largest auctioneering college in the world.

There were 131 students that graduated in his class. The graduates are now qualified to conduct any and all types of auction sales.

Shirk is a 1974 graduate of Solanco High School and Brownstown Vo-tech School.

Gary Shirk

Petter

USED DIESELS

LISTER
LD-1 3½ HP
SR-2 12 HP

PETTER
PH-1 7 HP BA-1 10 HP
PJ-4 40 HP BA-2 20 HP
VM- 30 HP

LET US KNOW YOUR SERVICE PROBLEMS

HOOVER DIESEL SERVICE

Petter Diesels - Sales & Service
Ph. 717-656-6133
2998 West Newport Rd. Ronks, Pa. 17572

AGRIflow®
3", 4", 5", 6", 8", 10" AND 12" TUBING

HEAVY GRADE TUBING
Exceeds SCS Specifications

SPECIAL SALE IN 4" TUBING
Now through January 31.

COCALICO EQUIPMENT CO.

PENNSYLVANIA LICA

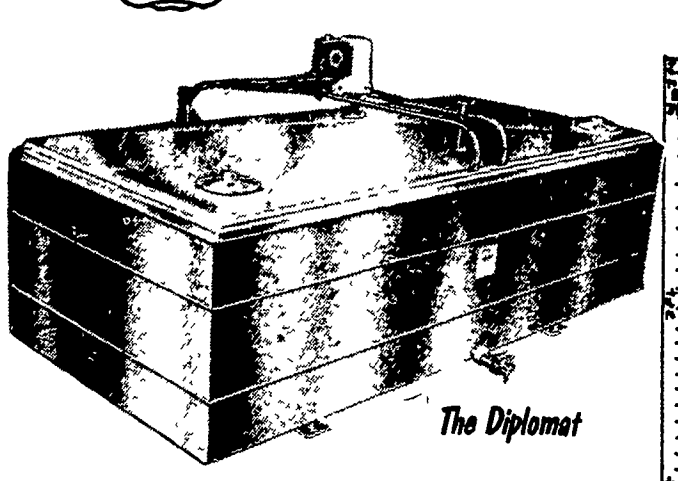
DRAINAGE & EXCAVATING
RD #3, DENVER, PA. 17517
(215) 267-3808

YOUR GIRTON DEALER IN LANCASTER COUNTY

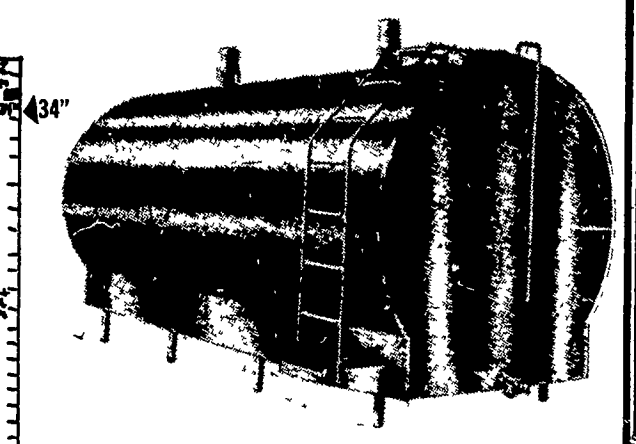
GIRTON Dairy Equipment

OFFERS YOU SPECIAL PRICES DURING JANUARY ON GIRTON MILK TANKS

"Where Performance Speaks Louder Than Words"



The Diplomat



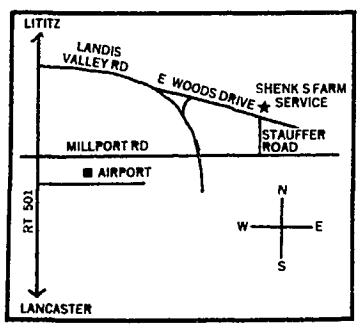
The Ambassador

THE LOWEST POURING HEIGHT ON THE MARKET TODAY - 34"!

• PLANNING LAYOUTS
• SALES • INSTALLATION
• SERVICE

USED TANKS
• 600 Gal. Mojonnier Vacuum
• 500 Gal. Mojonnier Vacuum
• 1 D-2 500 Gal. Girton

SERVICE ON ALL MAKES OF MILK TANKS! ALL WORK GUARANTEED.



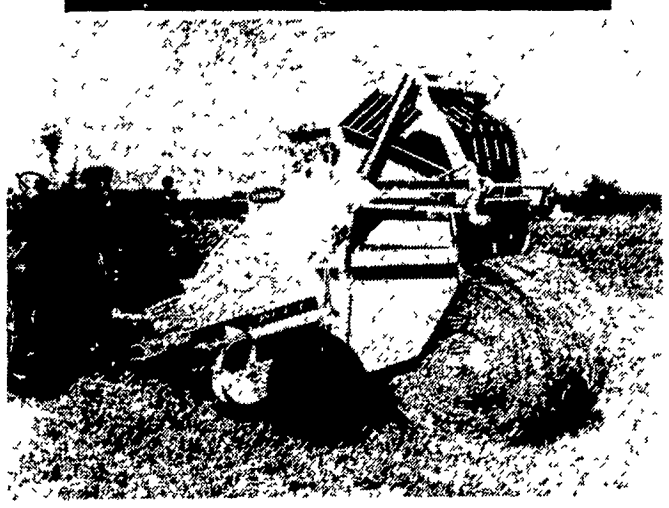
SHENK'S FARM SERVICE

BANKAMERICARD PAYMENT PLAN AVAILABLE

501 E. WOODS DRIVE LITITZ, PA. 17543
PHONE: (717) 626-1151

Bulk Tanks • Therma•Stor — After 5 P.M. - Call Titus Burkholder - 717-859-1620
Our Service Trucks Are Radio Dispatched 24 Hr. Service Offered

WHAT'S NEW



ROUND BALER

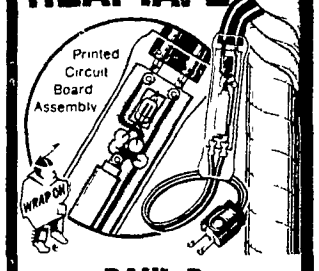
Officials at Vermeer Manufacturing Co., Pella, Iowa, announce the introduction of a new small package round baler that harvests tight, weather-resistant hay bales weighing up to 650 lbs.

The Vermeer Model 403F Baler produces a solid package that measures three feet wide up to four feet in diameter. Ideal for the smaller operator, and dairy operations, the compact 403F requires just a minimum 40 hp tractor (with PTO and two-way hydraulic system).

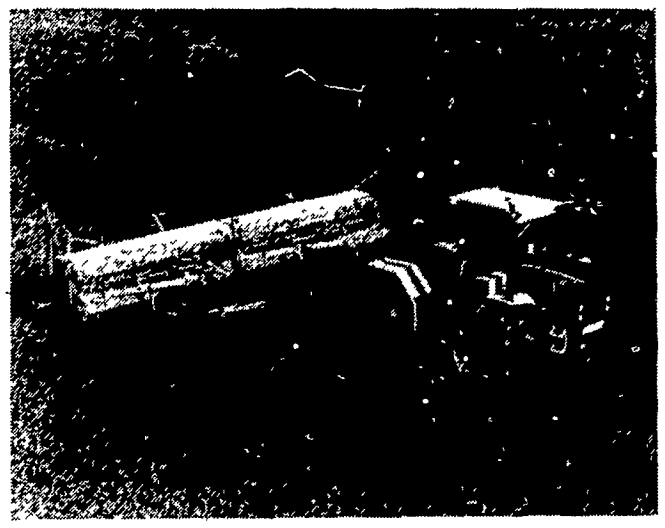
Similar in design to Vermeer's two other "F" series balers – Model 605F (1900 lb. capacity) and Model 504F (1500 lb. capacity) – the Model 403F features the new popular open throat design for instant bale starting, hydraulic twine tie, heavy-duty unibody construction, hydraulic and spring belt tensioning, windguard, bale size indicator and more.

The Vermeer Model 403F represents the smallest baler in the Vermeer line of forage harvesting systems, which are designed to allow one man to handle the entire operation – from raking to baling to transporting to feeding – all from the tractor seat.

PREVENT FROZEN PIPES
WRAP-ON SOLID-CIRCUIT HEAT TAPE



PAUL B. ZIMMERMAN, INC.
FARM SUPPLIES
Wood Corner Rd., Box 128
RD 4, Lititz, PA 17543
Ph: 717-738-1121



STEIGER INTRODUCES NEW WILDCAT

An upgraded 171 drawbar horsepower Wildcat III ST-210 four-wheel-drive tractor has been introduced by Steiger Tractor, Inc. of Fargo, N.D.

It offers farmers the opportunity to own a four-wheel-drive tractor at a price competitive with big two-wheel-drive tractors, says the manufacturer.

The Wildcat is powered by naturally-aspirated, direct-injection 636 cubic inch Caterpillar V8 engine rated at 210 engine horsepower. A remote mounted oil filter doubles the normal oil capacity to improve engine life. One-half inch thick welded steel plate construction gives the tractor a 22,000 pound dry weight. The Wildcat also features dual planetary outboard axles currently used in other higher horsepower models of the Steiger line.

The Wildcat's 140 gallon fuel tank – built into the rear frame – insures that the typical farmer need not stop to refuel even on the longest working days.

Full priority hydraulic steering is provided by dual three-inch steering cylinders. And for optimum visibility in the field and on the road, the Wildcat has ten 35 watt lights, six forward and four rear, plus two safety flashers and one red tail light.

The Wildcat offers center hinge articulation for a 15.9 foot turning radius and center pivot oscillation to follow contours of the toughest terrain.

DRY COW MASTITIS THERAPY

The Agricultural Products Division of Bristol-Myers Company, announces the introduction of a new dry cow mastitis product, **Tomorrow**, a companion product for the company's highly successful lactating mastitis treatment, **Today** (cephapirin sodium).

A development of Bristol-Myers Research, **Tomorrow** contains 300 mg. of cephapirin benzathine, a new and highly effective long-acting antibiotic. Extensive laboratory tests and clinical studies have shown **Tomorrow** to have several distinct advantages over other retail dry cow preparations.

With this broad spectrum, long-acting, bactericidal activity, **Tomorrow** has produced impressive mastitis cure rates in extensive field trials.

Recommended dosage is the infusion of the contents of one syringe (10 ml.) into each quarter following the last milking or early in the dry period. The product is for use in dry cows only and should not be used within 30 days of calving. Milk from treated cows must not be used for food during the first 72 hours after calving, and treated animals must not be slaughtered for food until 42 days after the latest infusion.

Tomorrow is available to farm supply stores through authorized AG Products distributors.

FILTER MASK

The Oxboro Heath Company claims to have an improved lightweight face mask that is quite effective while being comfortable to use. The non-woven filter material construction stops non-toxic nuisance dusts, pollen, powders, fibers and other irritants as small as 1/25,000 of an inch, says the manufacturer.

According to the company, special contoured ribbing allows the mask to stand away from the face while the edges seal against the skin surface. A flexible nose piece provides snug fitting over the nose bridge. Your can breath and speak normally without heat retention.

Another feature is the light weight – seven masks weigh less than half the weight of a handkerchief. Also, the low profile of the mask lets you see where you are going and what you are doing without obstructing safety goggles or glasses. The mask is also inexpensive and maintenance free. Just throw it away after use – nothing to clean!

One size fits all and are available in quantities of one dozen to caselots of 600, all shipped postpaid. For more information contact: Oxboro Heath Company, Box 338, Yankton, S.D. 57078.

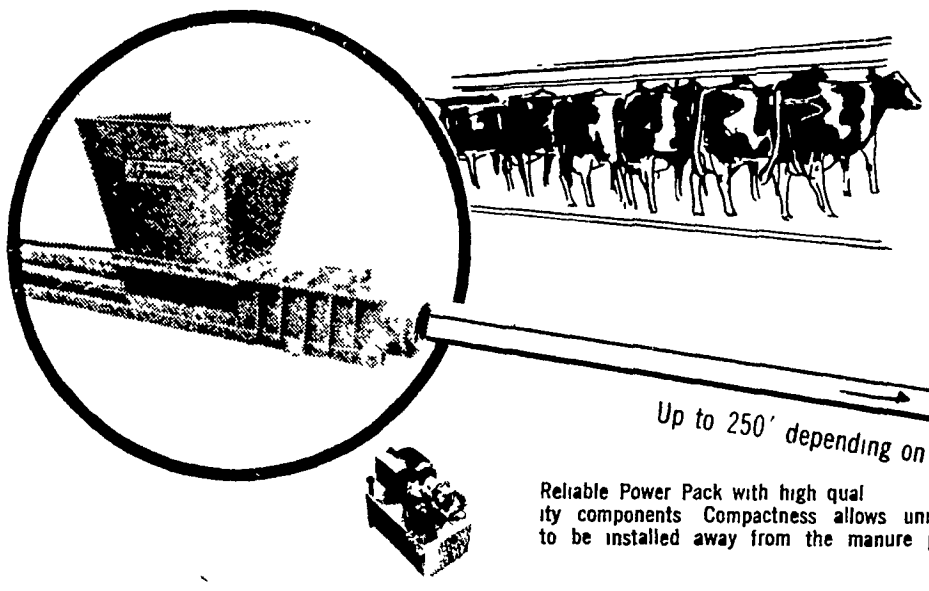
Wool supports up

WASHINGTON, D.C. - A support price increase of seven cents a pound on shorn wool and 30 cents a pound on mohair have been announced for 1979 by ASCS Administrator Ray Fitzgerald. The new rates will be $1.15 on shorn wool and $1.94 on mohair. Currently, shorn wool market prices are averaging 75 to 80 cents a pound. If the 1979 market stays at about the current level, the incentive payment under the National Wool Act would be about 35 to 40 cents a pound.

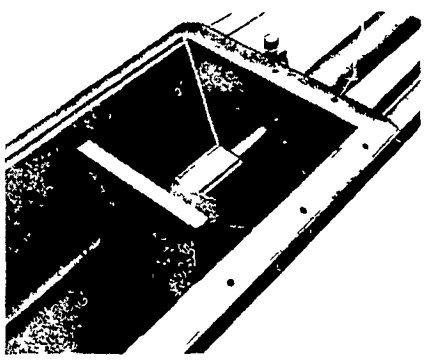
Agromatic TRANSFER PUMP

FROM STANCHION BARNS OR FREE STALLS AGROMATIC HANDLES THEM ALL

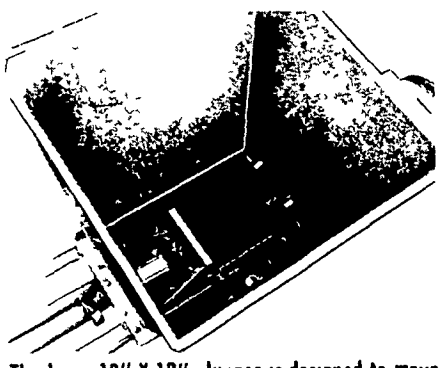
SUPERIOR PERFORMANCE
HYDRAULIC MANURE PUMP



Reliable Power Pack with high quality components Compactness allows unit to be installed away from the manure pump pit



HOPPER is 8 gauge steel and 42" square Optional longer hopper is standard. The base of the hopper assures proper plunger alignment as it enters the chamber.



The large 12" X 12" plunger is designed to move large amounts of manure at six (6) strokes per minute. Angle iron guide assures perfect head alignment

12" SQUARE CHAMBER
- A square chamber allows for best gate design. To open completely, with minimum resistance, a round chamber doesn't allow the gate to open completely.

HEAD SHAPE
- The head shears long straw or hay-filled manure with no need to chop or eliminate bedding
- Slope-back head creates agitation with each stroke, preventing bridging
- Works without needing to add water to manure.

PVC PIPE
- 10" PVC Pipe, not 12"; by going from a 12" square chamber to a 10" round, assures even pressure on manure to eliminate the chances for sediment to accumulate.

SERVICE
- By installing the pump in an accessible pit, all parts are easily inspected.

NOTE
- Design requires no Teflon seals which wear and allow back flow.
- Design has no brass bushing to manually rotate or replace.

RYDER SUPPLY CO.
VISIT US AT THE FARM SHOW
380-381 Main Floor • D949-D954 Dairy Barn
Phone: 717/263-9111
R.R. 8, P.O. Box 219
Chambersburg, Pennsylvania 17201

Home garden fruit course offered

UNIVERSITY PARK - Many young nut and fruit trees planted each year do not live because they were not planted properly, says Dr. C. Marshall Ritter, Extension pomologist at the Pennsylvania State University.

While there is no guarantee they will live, there are some planting practices that will increase the chances of successful tree growth.

Here are some guidelines to follow at planting time, offered by Ritter.

Inspect new trees for insect and disease damage as well as heat injury and mechanical damage. Return damaged trees to the nursery.

Plant trees during early Spring - mid-March to first of May.

Plant trees soon after arrival from the nursery, so their roots will not dry out. When weather does not permit immediate planting, cover the tree's roots with soil and water thoroughly.

The planting holes should be large and deep enough to set trees without crowding, bending or breaking their roots. Set the tree at about the same height as it stood in the nursery row. That point may be determined by finding the "soil line" on the trunk.

After placing plants in holes, begin refilling with good top soil next to the roots. Pack the soil with your feet as it is added, being careful not to leave air pockets around roots. When the hole is about three-fourths filled with soil, pour in 2 to 3 gallons of water. After this water soaks in, finish filling with soil. Leave a slight depression around each tree to catch rainfall. Cut off one-fourth of the tree top and branches right after setting.

Do not mix dry fertilizer materials with the soil in refilling the hole. This may cause new feeder roots to be burnt as they develop. Wait until just before growth starts in the Spring, then apply one-half pound of 10-10-10 fertilizer evenly around each tree at least 12 inches away from the trunk, explains Ritter.

For a complete guide to Home Garden Fruits, send $4, plus 25 cents postage, to Garden Fruits, Box 5000, University Park, Pa. 16802. This complete correspondence course, authored by Dr. Ritter will be sent to you. Make checks payable to Penn State.

Hamburger weight loss studied

BELTSVILLE, Md. - How much weight hamburgers lost during cooking was not related to the per cent of fat in them, in an experiment conducted by Dr. H. Russell Cross of the U.S. Department of Agriculture's Science and Education Administration (SEA). This finding will surprise consumers who blame extensive loss during cooking on too much fat.

In tests conducted by SEA's Meat Science Research Laboratory here, hamburgers with as little as 12 per cent fat lost as much weight as hamburgers with 30 per cent fat. Cross explains that much of the weight loss in low-fat ground beef is actually loss of water, while ground beef containing higher levels of fat loses proportionally more fat.

Ground beef containing higher levels of fat appears to lose more weight during cooking only because the fat drip remains in the pan while the water loss from low-fat cuts evaporates.

Cross used a trained sensory taste panel to evaluate the effect that various levels of fat ranging from 12 to 30 per cent have on flavor, juiciness, tenderness, and amount of connective tissue in ground beef patties.

Patties with 12 per cent fat were not as juicy nor as tender as patties with 18-30 per cent fat. The panel rated the flavor of all patties equal regardless of the amount of fat they contained. However, as exepected, the more fat in the patties, the greasier they felt in the mouth. Overall, the panel preferred patties containing between 18 and 24 per cent fat.

Americans consume between 10 and 11 billion pounds of ground beef annually, which accounts for about half of all beef produced. Current government regulations limit the amount of fat in ground beef to 30 per cent. Most ground beef sold in this country contains from 20 to 30 per cent fat.

The taste panel tests were conducted by Linda H. Wells, a graduate student from the University of Maryland, working at SEA's Beltsville Agricultural Research Center.

Habecker has high corn yield

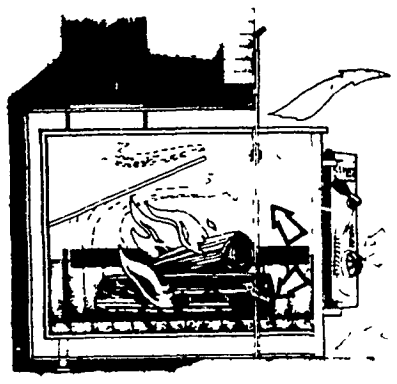
LANCASTER - Chris Habecker, Lancaster, has placed high in the local Project: 200 corn growing program with a yield of 144.2 bushels per acre.

Habecker used Funk's G-4636 in his high yielding plot. His fertility program consisted of 189 pounds nitrogen, 75 pounds phosphorous and 112 pounds potash. He used AAtrex-Lasso for weed control. The crop was planted on May 11 in 30-inch rows. The yield was adjusted to 15.5 per cent moisture.

Project: 200 is a regional corn growing program sponsored by The Producers of Funk's G-Hybrids.

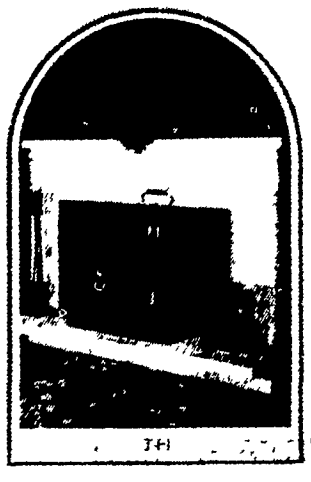
The Timberline Fireplace INSERT

This fireplace inserts directly into your existing fireplace and utilizes the existing chimney



BY THE EASY INSTALLATION OF THE TIMBERLINE FIREPLACE INSERT YOU CAN PREVENT THE LOSS OF WARM AIR AND COLD DRAFTS THROUGH YOUR FIREPLACE CHIMNEY WITHOUT SACRIFICING THE CHARM YOUR FIREPLACE ADDS TO YOUR HOME AND WILL MAKE YOUR FIREPLACE AN EFFICIENT HEAT PRODUCING UNIT

TAME THE BEAST IN YOUR FIREPLACE



Fireplace Stoves, Box Stoves, Insulated Chimneys, Chimney Brushes, Splitting Axes, Fireplace Accessories

HEAT ONE ROOM OR AN ENTIRE HOUSE

Phone: (717) 733-0703

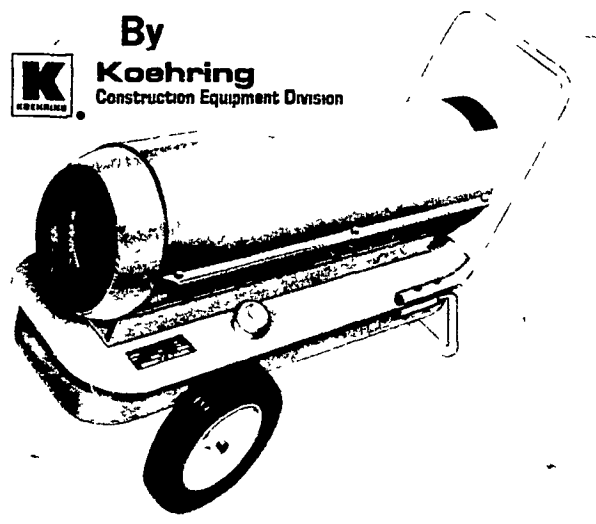
GLENWOOD STOVES

R.D. 1 Glenwood Drive, Ephrata, Pa. 17522

Automatic Hot Water, Hot Air Wood Fired Heating Systems

DART PORTABLE HEATERS

By Koehring Construction Equipment Division



DIRECT OIL FIRED HEATERS

Model No.	Description	Price
DB30	Handymaster Heater, air aspirating with automatic flame-out control, 30,000 BTU capacity	$147.50
DB50A	Thrifty high output heater, air aspirating with flame out control, 50,000 BTU capacity	$179.00
DB66D	Deluxe air aspirating with automatic flame-out control, 60,000 BTU capacity	$249.00

IN STOCK HEATERS 15% OFF ABOVE PRICES WITH THIS AD ONLY NOW THROUGH DECEMBER 30

Joyous NEW YEAR

We've caught a whopper of a New Year wish just for you! Have a happy!

AceRents

720 N. PRINCE ST., LANCASTER, PA.
PHONE: 717-393-1701

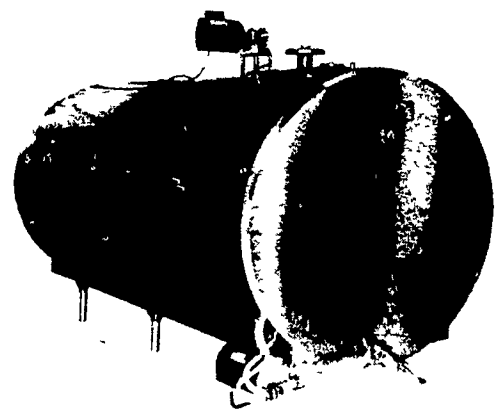
BEST WISHES

We're ringing in another year with thoughts of love and peace. We look forward to 1979 and the opportunity it may bring to serve our friends and customers in every possible way.

DEC

DARI-KOOL
COOLING SYSTEM

THE VALUE LEADER IN BULK TANKS:



UNMATCHED IN DEPENDABILITY, WORKMANSHIP, & PERFORMANCE.

- Independent, dual-evaporator design.
- 100 percent stainless steel exterior.
- Heavy-duty, 90° offset agitator, thermally protected.
- Foamed-in-place polyurethane insulation throughout.
- Built-in, automatic, five-cycle washing system.
- Models from 600 to 4000 gallons.
- Optional THERMA•STOR HEAT RECOVERY SYSTEM for FREE HOT WATER.

For VALUE, you can depend on DARI-KOOL.

LANDIS FARMSTEAD AUTOMATION
Milton, Pa
(717) 437-2375

SANER FARM SYSTEMS
McAlisterville, Pa
(717) 463-2606

JONES DAIRY SERVICE
Lester Jones, Jr
Medford, N.J.
(609) 267-5246

CUMBERLAND DAIRY SERVICE
Larry Hughes
Chambersburg, Pa.
(717) 263-0826

LLOYD E. KREIDER CO.
Cochranville, Pa
(215) 932-4700

SHENK'S FARM SERVICE
Lititz, Pa.
(717) 626-1151

LAWTON'S DAIRY EQUIP. & REFRIGERATION
Wellsboro, Pa
717-724-3015

MORTON BUILDINGS
Winter Season Discounts

MORTON BUILDINGS OFFER QUALITY MATERIALS, EXPERIENCED CREWS, AND NOW WINTER DISCOUNTS.

TO FIND OUT . . . WRITE OR CALL TODAY!

MORTON BUILDINGS

Serving Central Pa. and Maryland
RD 4, Box 34A
Gettysburg, PA 17325
Ph: 717-334-2168

Serving Eastern Pa. and New Jersey
Box 126,
Phillipsburg, NJ 08865
Ph: 201-454-7900

NEW OFFICE: Serving North Central Pa. Area
P.O. Box 937
State College, PA 16801
Ph: 814-383-4355

L.F.

☐ Send information on **MORTON** Square Post Buildings.

☐ Have your salesman phone me for an appointment.

NAME _____

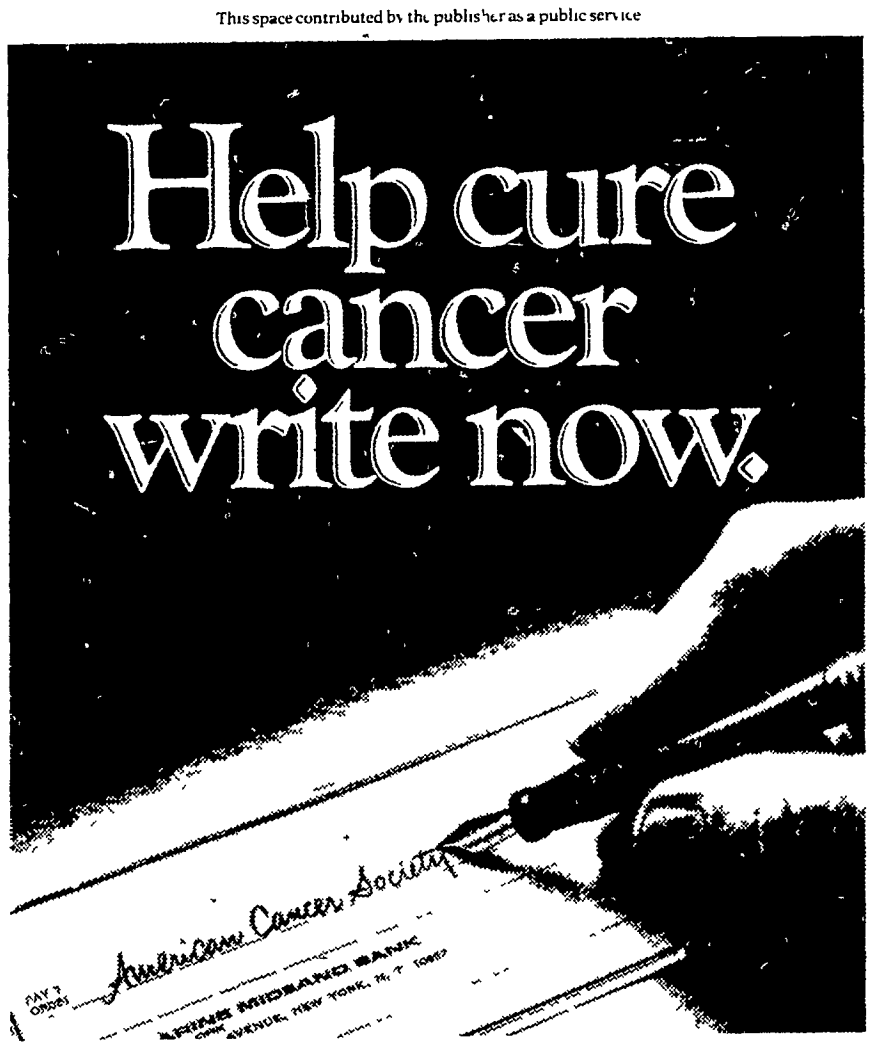
ADDRESS _____

_____

Telephone No. _____

This space contributed by the publisher as a public service

Help cure cancer write now.



Thanks to your help, the tide is beginning to turn.

The past few years have brought new discoveries in chemotherapy.

And new diagnostic techniques that combine the "eyes" of X-ray machines with the "brains" of computers. And successful new programs of combination therapies.

And there are promising reports coming in from research laboratories all over the world.

We now have everything we need to save about half the people who get cancer.

Please don't quit on us now. We're halfway there.

American Cancer Society

We want to cure cancer in your lifetime.

Reservations are due

FLEMINGTON, N.J. - Reservations for the annual Hunterdon County Board of Agriculture sponsored bus trip to the Pennsylvania Farm Show, must be made no later than Jan. 3.

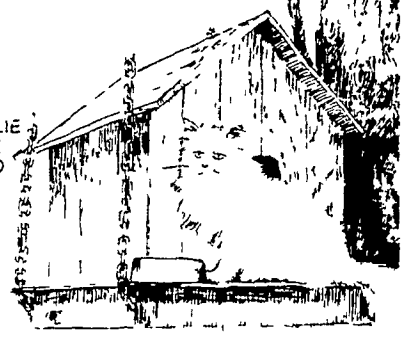
The bus has been reserved for Monday, January 8, opening day of the Farm Show. It will leave the Extension Service parking lot at 7 a.m. and stop to pick up passengers at the Clinton A & P Shopping Center at 7:20 a.m. Expected return is 9 p.m.

Reservations are required and the deadline will be Wednesday, January 3. Call the Hunterdon County Extension Service office (201) 788-1339.

CAT CHAT

ULTRASOUND

CATS EARS ARE SO SENSITIVE THAT THE SOUND EMITTED BY REMOTE-CONTROL TV DEVICES BASED ON ULTRASOUND INAUDIBLE TO HUMANS, IS PAINFULLY AUDIBLE TO THEM



THE SOFT LIFE

A MICHIGAN ANGORA CAT NAMED CHAMPAGNE CHARLIE HAS HIS OWN TREE HOUSE COMPLETE WITH CARPETED WALLS, INFRARED HEATING, AND AN OUTDOOR LEDGE THAT SERVES AS A PORCH

FEEDING TIP

INCLUDE SOME PREPARED DRY FOODS IN YOUR CAT'S DIET THESE CRUNCHY FOODS PROVIDE GOOD EXERCISE FOR TEETH AND GUMS, AND HELP PREVENT TARTAR BUILDUP

From Friskies Cat Council — Support Your Local S P C A or Humane Society — ASR

EXERCISE MUST BE GOOD FOR YOU.

KEEPING HEALTHY

WHEN YOU CONSIDER THAT—
8 MILLION ADULT AMERICANS JOG!
29 MILLION PLAY TENNIS!

550,000 PLAY RACQUETBALL AND PADDLE TENNIS!

15 MILLION RIDE BIKES!

7 MILLION ARE DOWNHILL SKIERS!

AND UNCOUNTED NUMBERS SKATE, PLAY GOLF, VOLLEYBALL AND SOFTBALL!

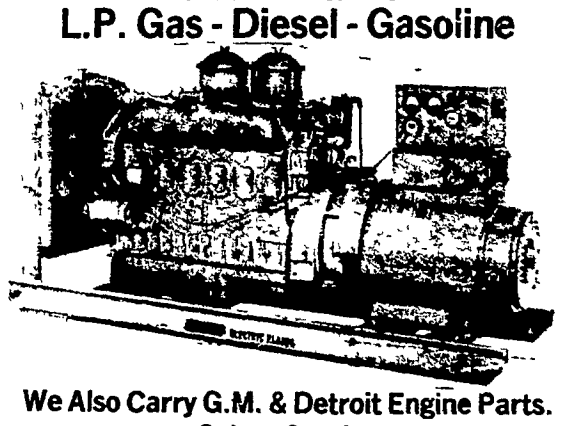
MAHONEY

ELECTRIC GENERATING SYSTEMS

Built to Your Specifications

Manual or Automatic

L.P. Gas - Diesel - Gasoline



We Also Carry G.M. & Detroit Engine Parts.

Sales - Service

MARTIN ELECTRIC PLANTS

Isaac W. Martin, Owner

Pleasant Valley Rd., RD2

Ephrata, PA (717) 733-7968

New method found for testing nitrogen in soils

UNIVERSITY PARK – A method has been found to quickly predict amounts of nitrogen available to plants growing in soils of the humid East. Dr. Richard H. Fox, assistant professor of soil science at the Pennsylvania State University, reported he and his colleagues are developing a method suitable for largescale soil testing programs. It is the first such test that works for soils of the humid East.

Fox indicated the method uses ultraviolet light to measure the organic matter contained in extracts of the soil, which in turn is an index of nitrogen availability in the soil.

The experimental process has been used successfully for three years with 16 major agronomic soils studied by the Agricultural Experiment Station at Penn State.

"Data in this study indicate a lot of our soils are supplying more nitrogen than we realize," Fox said. "This results in more nitrogen being applied than may be needed. Results of the study have potential to save Pennsylvania farmers millions of dollars and reduce risks of nitrate pollution," he indicated.

"Until now there has been no way we could test soil in a routine soil testing program to predict how much nitrogen the soil will provide to a crop grown under conditions in the East," says Fox.

Lacking a predictive test, nitrogen fertilizer recommendations are based on nitrogen needed for optimum crop response. Farmers must apply the total amount of nitrogen or risk inefficient crop yields.

In some instances, Fox and associates found as much as 100 pounds of excess nitrogen is applied. This is the result of a higher-than-expected contribution of nitrogen from the soil. Causes may include a residue of nitrogen in the soil from previous crops or from use of animal manures.

The researchers estimate that at current prices of about 20 cents per pound of fertilizer nitrogen applied, a farmer may be spending up to $20 an acre more than necessary to produce the crop. Accurate testing could lower these costs as well as reduce risks of polluting ground water supplies with nitrates.

Other nitrogen-availability tests proposed to date take several hours to days for completion, using caustic chemicals and elaborate laboratory methods, prohibitive in cost and time for practical uses.

"We are trying to develop a mass production method that large soil testing services, such as the one at Penn State, could run in 20 minutes or less," says Fox. Tests for inorganic nitrogen used successfully in arid soils, west of the Mississippi River, don't work in the humid East.

Dr. Fox affirms the need for this test becomes greater as the price of nitrogen fertilizer, and natural gas from which it is made, increases. The test is important to agriculture conducted in a wide range of soils and with varied management schemes.

"In Pennsylvania most dairy farmers apply heavy annual applications of manure and they grow alfalfa or other legumes. This has made it difficult to predict nitrogen availability in our soils, and to accurately recommend nitrogen fertilizer rates for our crops," Fox states.

Until a nitrogen availability test is developed it will be extremely difficult to attain maximum efficiency of nitrogen fertilizer use in the East, report the researchers.

If Fox and associates are successful they'll help Eastern farmers save money, reduce energy consumption in farming, and reduce the potential for nitrate pollution.

Farmers to visit Puerto Rico

NEWARK, Del. – A group of Delaware farmers plans to spend a week in February visiting dairy and vegetable farms in Puerto Rico. The group, which calls itself the Kent County Agricultural Tour, is finalizing arrangements now, according to County Extension Agent Dave Woodward, one of its organizers. In spite of the Kent county designation, the trip is open to any interested Delaware farmer, regardless of where in the state he resides.

Woodward says they hope to have about 55 people on the educational tour, which is being planned by him and University of Delaware Extension dairy specialist Dr. George Haenlein, in cooperation with representatives of Puerto Rico's Agricultural Experiment Station and the Puerto Rican extension service.

Haenlein spent several days on the island last Spring visiting farms there in connection with a U.S. government AID program being developed at the University of Delaware and feels a visit by Delaware farmers could be quite instructive.

The group plans to leave for the Washington, D.C., area Saturday, February 3. After spending a day there, they will fly to Puerto Rico. They will return on February 11. Cost of transportation and lodging is $545, excluding meals. Individuals interested in learning more about the trip should contact Woodward at 302-678-4675 as soon as possible.

This will be the seventh major educational farm tour for the Kent county group – the first outside the Continental U.S. In the past they have traveled to California, Arizona, Florida, and Louisiana to study farming techniques in these areas and consult with local farmers.

Sire Power adds to staff

TUNKAHANNOCK - Jim Martin and Steven Castrogiovanni have been added to the Sire Power laboratory and distribution staff in Tunkhannock, according to Director of Laboratory and Distribution, Norman Werkheiser.

Jim began working for NEBA in May, 1977, as a technician in Susquehanna County. He was employed by the Sire Power laboratory as a truck run driver, delivering semen to technicians and direct herd salesmen throughout the NEBA territory.

Jim trained his own replacement, Steve Castrogiovanni, to do semen distribution via truck and became a full time laboratory employee in November. Now he processes semen, makes extender for dilutions, diluting, packaging, and checking semen viability. In addition, Jim aids laboratory research projects.

Presently Steve services all of NEBA's technicians once a month supplying them with semen, A.I. equipment, and new information. He spends two days each week on the road, one day supplying the truck, and two days in the laboratory working in the "tank room" freezing semen and filling orders.

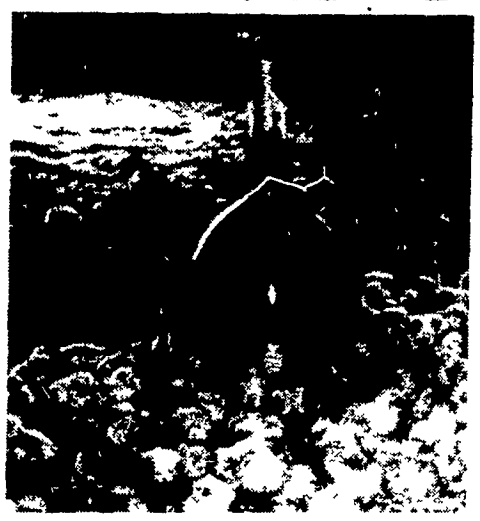
Woodland forestry course offered

UNIVERSITY PARK - If you have woodland, what do you plan for it? Build a hunting lodge? Plant Christmas trees? Sell logs or lumber? Provide food and cover for wildlife?

You may own woodland for profit or recreation, but management of the area is needed for useful development, remind specialist of the Cooperative Extension Service. Tree species can be controlled by planting seedlings. Growth of tall straight trunks can be encouraged by proper spacing and by removal of weed trees. Wildlife can be protected by growing food and cover plants. Picnic and camp areas need water supplies and toilet facilities.

To help owners manage woodlands, Penn State University offers a correspondence course of eight lessons titled "Woodland Forestry." Anyone may enroll by sending $4.50 to Woodlot Forestry, Box 5000, University Park, Pa., 16802. Make checks payable to Penn State.

Plasson



POULTRY DRINKERS

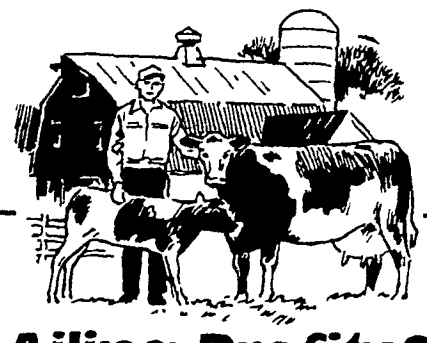
MARK III

★ The Complete Watering System For Commercial Broilers, Breeders, and Turkeys from Day Old to Market Age.

AGRI EQUIP., INC. offers complete
• SALES • INSTALLATION • SERVICE

AGRI-EQUIPMENT, INC.

CATTLE - HOG - POULTRY EQUIPMENT
R.D. 4, EPHRATA, PA. 17522
PHONE: 717-354-4271
Store Hours: Mon. - Fri. 7:30 to 5:30; Sat. 7:30 to 3:00



Ailing Profits? Speak to Us

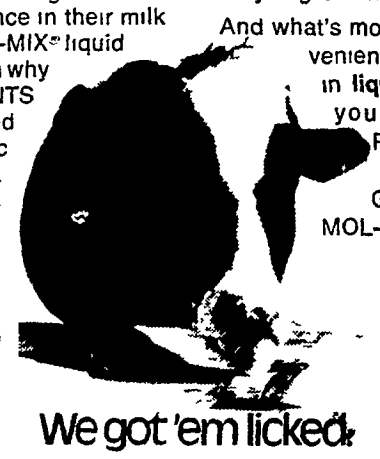
Our livestock coverage insures against financial loss from disease and death. See us for the facts on complete farm insurance

Phone 215-267-3894
BERNARD C. MORRISSEY
Farm & Agri-Business Insurance Specialist
130 S. 4th St.
Denver, PA 17517

You get more milk production when you use more quality ingredients.

Dairymen all around the country and right around here have discovered a big difference in their milk production when they switched to MOL-MIX® liquid supplements . and there's one reason why PERFORMANCE-PROVEN INGREDIENTS like corn distillers solubles, condensed fermented corn extractives, phosphoric acid, and ammonium polyphosphate . . all quality ingredients that can increase your milk production and yet the very ingredients that many other supplements lack!

And what's more, when you stop to consider the convenience of using a high-quality supplement in **liquid** form, there's only one conclusion you can reach YOU GET MORE MILK PRODUCTION WHEN YOU USE MORE QUALITY INGREDIENTS . . . AND YOU GET MORE QUALITY INGREDIENTS IN MOL-MIX!



Performance-proven ingredients.

We got 'em licked.

Mol-Mix liquid supplements

JOHN Z. MARTIN
New Holland RD1
Phone 717-354-5848

McCRACKEN'S FEED MILL, INC.
Manheim, PA 17545
Phone 717-665-2186

RED ROSE FEED & FARM SUPPLY
MAIN OFFICE:
27 N. Church St., Quarryville
Phone 786-7361
Div. of Carnation
Buck, PA
Phone 284-4464

Pa. milk production down

HARRISBURG - Milk production in Pennsylvania during November 1978 totaled 623 million pounds, down five per cent from the previous month but one per cent above a year earlier according to the Pennsylvania Crop Reporting Service.

The number of milk cows in the commonwealth during November was 700,000 head, down 3,000 head from a year ago. Production per cow averaged 890 pounds in November, up approximately one per cent from a year ago.

Milk production in the United States during November totaled 9.4 billion pounds, down fractionally from November 1977. Production per cow averaged 869 pounds, up almost one per cent from a year ago. Milk cows on farms totaled 10.8 million head, down one per cent from last year.

4-H photographer cited

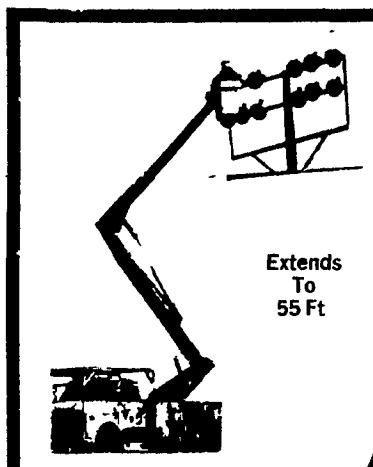
NEW HOLLAND - A New Holland photographer is one of four Pennsylvanians chosen to represent the state in the fifth National 4-H Photo Exhibit.

Tu Hoang Vu, New Holland, will have a photograph of a stabled horse as part of the show.

He also had entered photographs of farm scenery and Winter landscapes.

A sophomore at Garden Spot High School, he said that he first became interested in photography through his 4-H leader, John Miller. He had the reserve champion photo at last year's county competition, but stated that he did not enter the contest this year.

The Pa. Farm Show is fast approaching and soon a variety of animals will be competing for blue ribbons.



ELECTRICAL CONTRACTING

Extends To 55 Ft

We Specialize In Aerial Work Using Our Twin Bucket Boom Truck

Specializing In

POULTRY HOUSE WIRING!

Also Residential, Industrial And Commerical Work.

Free Estimates

We Have Poles In Stock ... 22', 25', 30' & 35'

C. M. HIGH CO.

Box 175 RD 2

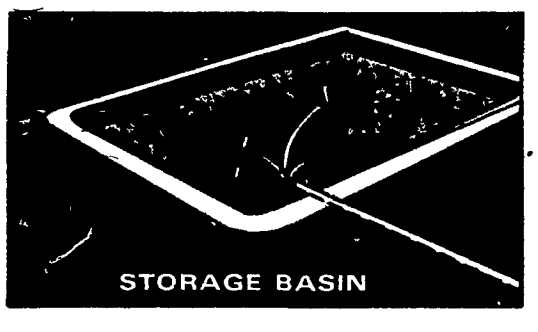
Myerstown, PA 17067

Phone: 717-866-7544

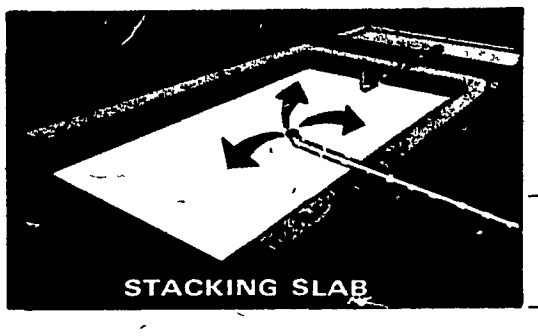
Messeth

the Original Piston Pump for Controlled Manure Storage.

Whether you choose to handle manure as a semi-solid or liquid, Nesseth has the pump and the experience to design a manure management system best suited to your requirements. More farmers have installed the Nesseth system than any other — and for good reasons. The Piston Pump was originated and developed by Nesseth. We have three models available to meet different needs and it's easy to install in new or existing setups. The Nesseth Piston Pump is built for dependability and trouble-free service, and best of all, is far more economical than hydraulic systems or air tanks. Remember — no one has more experience or more installations than Nesseth, the originators of the Piston Pump.

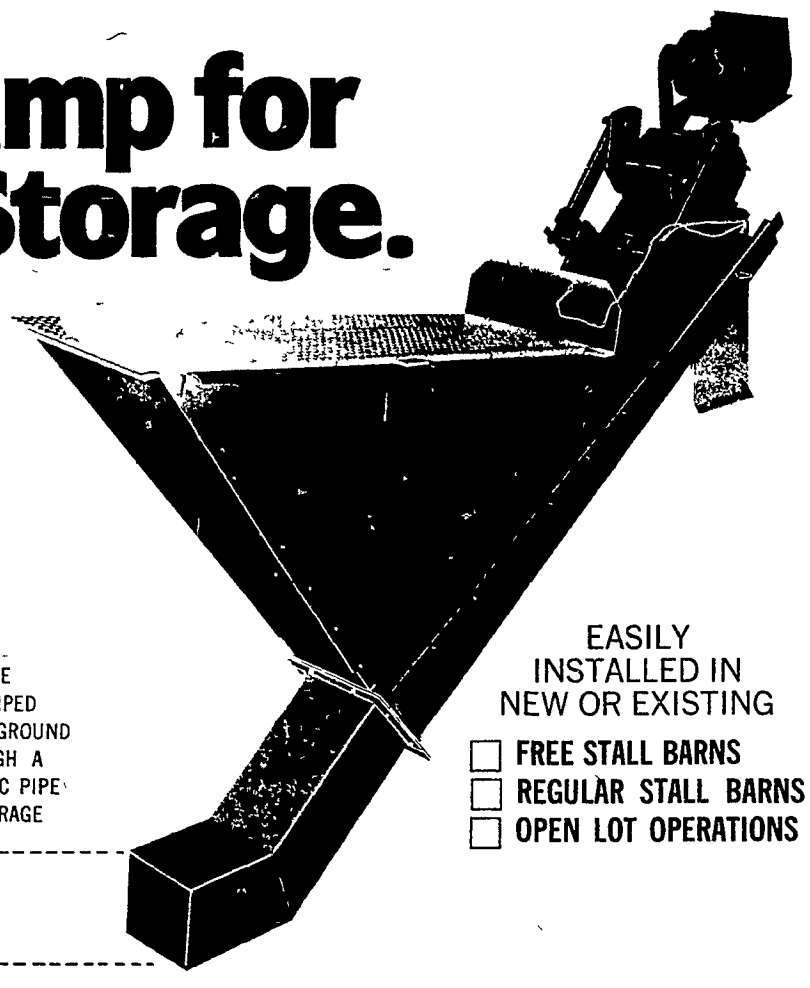


STORAGE BASIN



STACKING SLAB

MANURE IS PUMPED UNDERGROUND THROUGH A 12" PVC PIPE TO STORAGE



EASILY INSTALLED IN NEW OR EXISTING

- ☐ FREE STALL BARNS
- ☐ REGULAR STALL BARNS
- ☐ OPEN LOT OPERATIONS

CALUMET & NESSETH DISTRIBUTOR

F. ERNEST SNOOK

RD 3 - Box 84, Mifflinburg, PA. 17844 Phone: 717-966-2736

Shapp vetoed agricultural districting bill

HARRISBURG - Outgoing Pennsylvania Governor Milton Shapp says he sees a need for the preservation of farmland, but adds he cannot agree "to place this land into special parcel for rich agricultural land owners without check of normal government processes and normal economic development." Those are the words the governor used in a letter dated Nov. 26, 1978 in which he failed to approve House Bill 2145, which was designed to create agricultural districts in the Keystone State. The measure was generally regarded as good legislation and had the recommendation of State Agriculture Secretary Kent Shelhamer, as well as a number of farmers, conservationists, and farm organizations.

State representative Samuel Morris of Chester County, who was the initial sponsor of H.B. 2145, gives the following account of the bill and the Governor's veto:

"At the end of this Legislative Session, Governor Shapp has unjustifiably vetoed House Bill 2145 which for the first time in Pennsylvania would have provided a means whereby farmers, with the approval of their local townships, could have voluntarily formed Agricultural Districts to preserve their land for agricultural production. The reasons given in his veto message are pure 'cock and bull'.

"This legislation, which had the support of both the Pennsylvania Farmers Association and the Grange, would have assured the farmers that their land could remain in active production for at least eight years without being forced out by unreasonable governmental restrictions respecting farm structures or practices, unless for the protection of the public health and safety, and from any governmental exercise of eminent domain which would have an unreasonably adverse effect upon agriculture in the district, when there was a reasonable or prudent alternative available. There have been incidents in the last few years which illustrate the very real dangers to agriculture by both these kinds of governmental actions.

"The bill also made it a policy for the Commonwealth to encourage the maintenance of viable farming in these Agricultural Districts and to conform the regulations of Commonwealth agencies to this end. It would have been a positive step in our state toward preserving agricultural land and to give our farmers the confidence they need to make long term investments to modernize their operations and remain economically competitive.

"The bill was firmly based on the solid foundation of a similar law in New York state which has been highly successful and satisfactory to all segments of society," Morris said.

He added, "The new federally sponsored highways have taken a serious toll of agricultural land and while farmers do not complain that these highways are not needed, they would like to see them located where they could be less damaging to agriculture.

"More recently, proposed landfills have been a serious threat to agriculture in Chester, York and Lancaster Counties. H.B. 2145 would have obviated much of this threat in cases where the landfill would have been operated by a government authority.

"The last statement in the Governor's veto message is so far from reality", Morris stated, "as to be ridiculous and is an insult to our farmers. The reason given by the Governor for the veto is 'I cannot agree to place this land into special parcel for rich agricultural landowners without check of normal government processes..." To the agricultural community, this statement concerning 'rich farmers' would be laughable if it did not indicate total insensitivity to the real problems of Pennsylvania's second largest industry, and the precarious economic situation of most farmers.

"I can only add that Governor Shapp has been a great disappointment to me for a good many years. I broke with him long ago when he failed to fulfill a promise to save Chesterbrook for Valley Forge Park. Coming on top of my own defeat, this is the last straw particularly when my opposition gained some votes by associating me with Shapp, which was an absolutely untrue implication."

Representative Morris also noted that a number of legislators, both House members and Senators, who represent agricultural areas, voted against H.B. 2145. "It would be well for the farmers to check more carefully on the votes of their legislators to find out whether they really are voting for their farming constituents or not."

The Governor's Reply

Governor Shapp, in his written reply and denial to the Pennsylvania House of Representatives, commented:

"This bill has the desirable aim of preserving good agricultural land for agricultural purposes. That was the purpose of the Clean and Green Amendment to the State Constitution which was supported by my Administration.

"However, this bill creates agricultural districts of 500 acres or more in which there is a drastic reduction in and limitation on activity by local government, the Commonwealth and certain condemnors.

"It is these limitations on legitimate governmental concerns which compel me to disapprove this bill. These limitations have the effect of making agricultural districts "extra special" for government purposes and which by implication and treatment create independent agricultural sovereignties which are intolerable in our democratic form of government."

"By the terms of the bill, no municipality or political subdivision shall exercise any of its powers to enact local laws or ordinances within an agricultural district in a manner which could unreasonably restrict or regulate farm structures or farming practices in contravention of the purposes of the act unless such restrictions or regulations bear a direct relationship to the public health or safety."

"By the terms of this bill it shall be the policy of all Commonwealth agencies to encourage the maintenance of viable farming in agricultural districts and their administrative regulations and procedures shall be modified to this end insofar as is consistent with the promotion of public health and safety, and with the provisions of any Federal statutes, standards, et cetera."

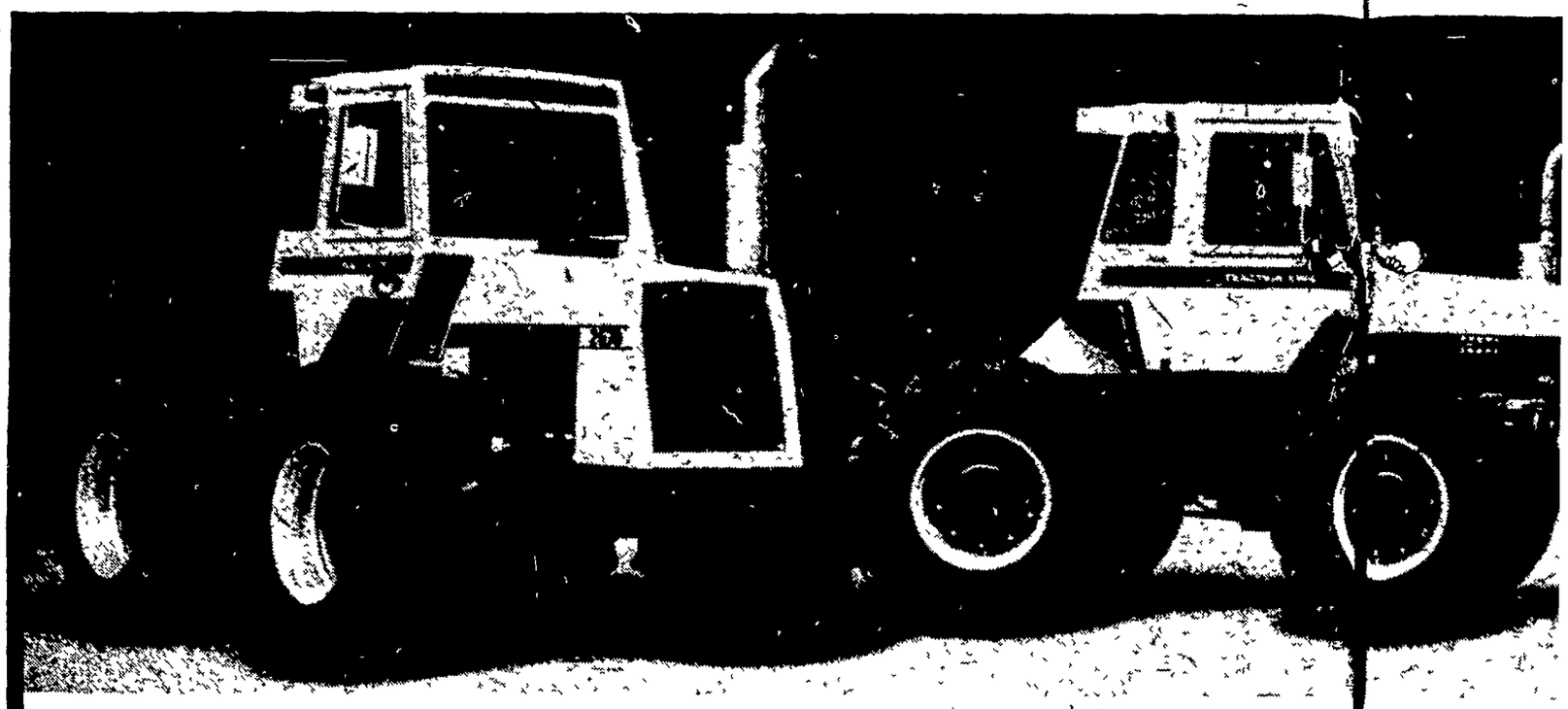
"By the terms of this bill no agency of the Commonwealth, political subdivision authority, public utility or other body having or exercising powers of eminent

(Turn to Page 21)

Governor Milton Shapp doesn't think "rich agricultural land owners" need special treatment to protect their farms.

S

domain
district
obtained
"As on
of this b
ferently
differenc
the impl
complica
ment of
otherwis
that ther
land, I ca
for rich a



The case 4-Wheel D

MR. FARMER -

HERE IS SOME STRAIGHT TALK ABOUT 4-WHEEL DRIVE TRACTORS -

BEFORE YOU INVEST IN A 4-WHEELER, THERE ARE CERTAIN DIFFERENCES BETWEEN ARTICULATED (BEND-IN-THE-MIDDLE) AND case 4 WAY SELECT STEERING PERFORMANCE YOU SHOULD KNOW.

FRONT WHEEL STEER. 4-way steering makes the big difference. When you select front wheel steer only, the 2870 handles much like your present 2-wheeler You don't have to learn all over again. Great for the majority of your field work including row crops

REAR STEER. Hooking up to an implement? You can steer with the rear wheels only so the drawbar or 3-point hitch goes where you want it to go Use it as well to overcome implement side draft

CRAB STEER. Working on hillsides or levees? Switch to crab steer on-the-go to counteract side drift Fronts and rears steer in the same direction. Also useful in muddy fields since it creates four separate wheel tracks Thus providing optimum traction for all four driving wheels

COORDINATED. Want to make short full power turns at the headlands? Flip the selective steering lever to coordinated steering for a tight 17½ foot turning radius Some articulated 4WD require up to 26 ft

IF YOU'RE THINKING OF A NEW TRACTOR FOR SPRING, YOU OWE IT TO YOURSELF TO VISIT BINKLEY & HURST BROS. FOR A TEST DRIVE.

ALL THESE MODELS IN STOCK.

YOU CAN CHOOSE ONE TO FIT YOUR FARM OPERATION.

BINKLEY & HURST BROS.

133 ROTHSVILLE STATION ROAD LITITZ, PA 17543

717-626-4705

ARTIC
DESIGN
MANUF
CONSTI
ROADS
QUARI
THE W
THE
4-WI
IS DE
FA
U

Case 1845 HP

JD 11½ ft. Fiel
bar tine ha
Brillion 12 ft. R
Case 10 ft. tran
NH #6 crop car
JD KBA disc ha
Case 3 bot. slat
Little Giant 30
head & dow
Case 12 HP mo
w/attach...
Case 6 bottom
Case 4 bottom
1816 Case unlo
clutch, new
Pittsburg 11 ft.
w/scrapers,
11 foot cultipac

Shapp vetoed

(Continued from Page 20)

domain shall condemn any land within any agricultural district for any purpose unless prior approval has been obtained from each of several bodies.

"As one can ascertain from a close reading of the intent of this bill, agricultural districts are to be treated differently from other land in the Commonwealth. These differences provide unforeseen complications far beyond the implications of the framers of the document - which complications will completely impede normal development of farming areas - development which might not otherwise affect viable agricultural land. While I agree that there is a problem of the preservation of agricultural land, I cannot agree to place this land into special parcel for rich agricultural land owners without check of normal government processes and normal economic development.

"For these reasons I withhold my approval of House Bill No. 2145.

Shelhamer supported it

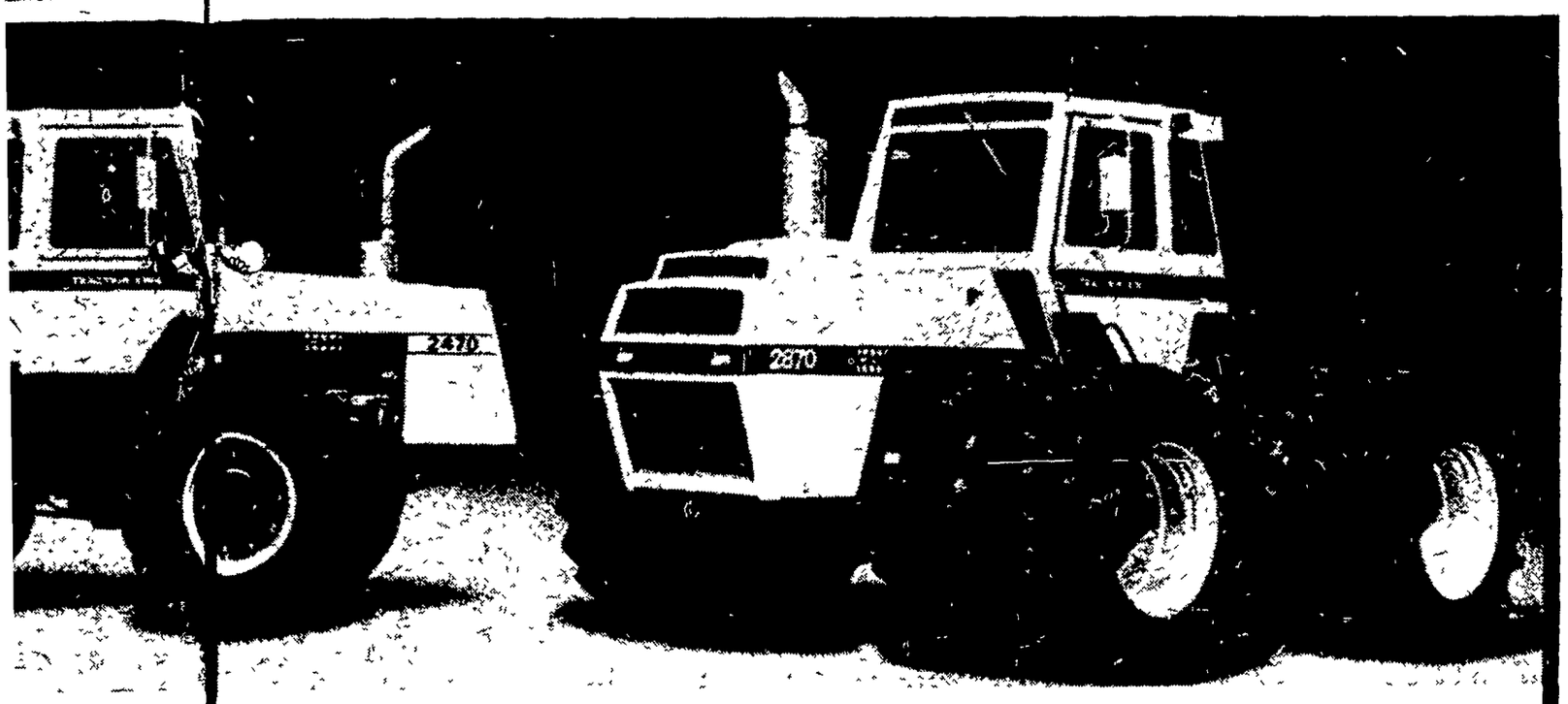
State Secretary of Agriculture had recommended that Governor Shapp sign the bill. In a letter to him dated Nov. 22 Shelhamer said in part:

"If enacted, this bill would, for the first time, provide a means by which owners of agricultural land can form agricultural districts and voluntarily preserve their lands for agricultural production, if approved by the local municipality within which the land is located. If the local municipality approves an agricultural district, then the owners of such land are assured that the land can remain in active agricultural production for eight years without being forced out of agricultural production by certain governmental actions.

"If an agricultural district is approved, the local municipality agrees not to unreasonably restrict or regulate farm structures or farming practices except if by doing so it would affect the health and safety of other individuals in the municipality. The Commonwealth and its agencies agree that their policies and administrative regulations will be modified when possible to encourage the maintenance of viable farming in agricultural districts. In addition, no governmental body will be permitted to condemn land in agricultural districts unless they can show that there is no prudent or feasible alternative. This will in no way prohibit the voluntary sale of land to such governmental entities or interfere with existing governmental structures and existing governmental uses of land in an agricultural district.

"If this bill is enacted, it will be a positive step taken in the Commonwealth to help preserve agricultural land and to give our farmers the assurance and confidence they need to make long term investments to modernize their farming operations in order that they can remain economically competitive.

"I endorse this document and hope you can give it your approval."



Wheel Drive Showcase

BOUT

RE
D
LECT
N.

n implement?
ls only so the
re you want it
nplement side

ike short full
o the selective
ring for a tight
ticulated 4WD

RING,

E.

ATION.

ARTICULATED DESIGN TRACTORS ARE MANUFACTURED FOR CONSTRUCTION, ROADS, MINES, QUARRIES AND THE WOODS. THE CASE 4-WHEELER IS DESIGNED FOR FARM USE!

We can talk all day about testing as reported by manufacturers of Articulated Tractors. The best test is to demonstrate and then compare who is No. 1.

If you've got the acres and the work load that only a 4-wheel drive tractor can handle, then call us for a demonstration and check out the dependable features we offer. It may help you decide before you buy.

USED TRACTORS AND EQUIPMENT

Case 1845 HP Uniloader $8900
Don't Miss This One
JD 11½ ft. Field Cult., 3 pt. hitch w/3 bar tine harrow $1225
Brillion 12 ft. Roller Harrow Mulcher $1700
Case 10 ft. transport Disc Harrow $900
NH #6 crop carrier Forage Wagon w/roof $900
JD KBA disc harrow, 8 ft. excel. cond. $375
Case 3 bot. slat. plow $150
Little Giant 30 ft. elevator w/swivel head & down spout $650
Case 12 HP model 222 compact trac. w/attach ..... Call
Case 6 bottom 16" Hydraulic Reset Plow ... $1500
Case 4 bottom 16" $1185
1816 Case uniloader w/late model clutch, new color $3300
Pittsburg 11 ft. transport disk harrow w/scrapers, 20" blades $1795
11 foot cultipacker $385
New Holland tandem axle manure spreader w/pintle chain $2200
New Holland Model 475 manure spreader $895
Triumph Hydro Clipper mower with mounting bracket to fit Ford 3400 industrial tractor $1900
IH Model 155 PTO, single beater manure spreader $625
IH Model 56 Blower $425
John Deere 15 Disk Grain Drill $800
Used Manure Fork Attachment for Case 1737 Uniloader $195
3-Section Spring Harrow - lift type $175
New Holland 35' Elevator $585
David Brown 1212 Hydro Shift Tractor, 18.4x30 rubber
John Deere 4010 Diesel turbo, wide front, 18.4x34 rear tires, nice $7900
John Deere galvanized grain drill, 21 hole $1485

Farm estate workshops planned

CARLISLE - The Cooperative Extension Service of The Pennsylvania State University has scheduled a series of training sessions on farm estate planning in south-central Pennsylvania.

A workshop for estate planning professionals will be held at the Embers Restaurant, Carlisle, on January 4 from 9 a.m. to 4 p.m. This program is designed for accountants, attorneys, bankers and insurance agents who are involved in estate planning with farm families.

Two-day courses for farmers and their spouses will be conducted in four Counties in February: Carlisle - February 14, 20; Chambersburg - February 15, 22; Gettysburg - February 19, 21; and York - February 20,23.

The courses for farm families will follow the same program in each County. The first day will be conducted by John Brockett, area farm management agent and will cover farm agreements, trusts and insurance. Local trust officers and insurance agents will be featured. In Carlisle, Trust Officer Philip Spillman of Commonwealth National Bank and Insurance Agent Nelson Winger of Mutual Security Insurance will speak. In the second day of the course Frederick Hughes, farm management Extension specialist and a local attorney will discuss wills, estate taxes, property ownership, gifts, use valuation, and specific estate planning situations. Horace A. Johnson, attorney of Myers, Myers, Flower and Johnson will be featured in the Carlisle program. Participants will receive draft materials of a new Pennsylvania State University correspondence course on farm estate planning.

For further information on these meetings farmers should contact their County Extension office.

There is a fee for the professional meeting, and registrations close January 2. Interested persons may write or call Roland Freund at the Cooperative Extension Service, 1100 Claremont Road, Carlisle, 17013, 717-249-7220.

Organic wastes aren't complete fertilizers

WASHINGTON, D.C. - A report submitted to the President and Congress by Secretary of Agriculture Bob Bergland states that most organic wastes are incomplete fertilizers and must be supplemented by commercial fertilizers for effective crop production.

While stressing the value of organic wastes for controlling erosion and improving soil tilth, which commercial fertilizers cannot do, the report concludes that available wastes cannot provide enough nitrogen, potassium, and phosophorus to meet the needs of American agriculture.

The report, "Improving Soils with Organic Wastes," says that the majority of such wastes are animal manures and crop residues. Three-fourths of these two wastes are already being used on the land to improve soil fertility and tilth. Other organic wastes, including sewage sludge, food processing wastes, and industrial and municipal refuse, are usually not utilized on soils because of their value for fuel, high costs of processing and handling, or unsuitable physical or chemical properties.

The report discusses the potential for using organic wastes more efficiently to reduce erosion and energy consumption, and recommends further research and educational programs to make more effective use of wastes.

Thrifty cooks believe in wasting nothing. When you're cooking chicken, that includes the bones, skin, gibblets and bits of left-over meat. The National Broiler Council suggests boiling them together to make a tasty nutritious stock for use in seasoning vegetables, as a quick base for soups in one-cup to one-quart quantities so you can defrost exactly what you'll need for most recipes.

Tips given on caring for foliage plants

UNIVERSITY PARK - Foliage plants are popular in homes, offices, apartment buildings, stores, and public buildings. If properly cared for, these plants can add beauty to your home. Sometimes they get dull and droopy-looking so they become a detraction instead of an attraction. The plants have grown too large for their pot and need to be repotted. A plant kept in a small container can become dwarfed from lack of soil for root development.

To remedy the situation, select a new pot slightly larger than the old one. Then prepare a potting soil such as garden loam mixed with organic matter such as peat moss and coarse sand or vermiculite. Two parts soil to one part peat moss to one part sand makes an excellent potting soil. Or you can buy packaged potting soil that is sterilized to prevent trouble from weeds and soil pests.

When repotting a plant, turn it upside down and strike the rim of the pot on a solid surface. If the soil is moderately moist, the ball of soil held together by the roots should drop out of the pot in one piece.

Now - place some gravel or pieces of broken pot on the bottom of the new pot and add some potting soil. On top of the fresh potting soil, place the soil ball of the plant and fill in around the sides. The soil around the ball should be firm but not packed tightly, and it should be at the same level on the stem as it was before repotting. Add enough water to wet the original soil ball and the new potting soil. Then, in the future, water the plant when the soil becomes dry. But do not allow it to wilt.

To learn more about houseplant culture, send $3, plus 25 cents postage, to HOUSEPLANT CULTURE, Box 5000, University Park, Pa. 16802. Make check payable to Penn State. The complete information will be sent to you.

Red Lion Grange meets

RED LION - The Annual Christmas program and party of the Red Lion Grange No. 1781, was held December 16, at the Grange Hall.

A Male Quartette from the New Fairview Church of The Brethren sang, Christmas melodies. Danny, Tammy and Chrisy, children of Mr. and Mrs. Kenneth Kurtz, members of Red Lion Grange, also sang Christmas selections. Mr. Edgar Mundis played the accordian for the Grange members.

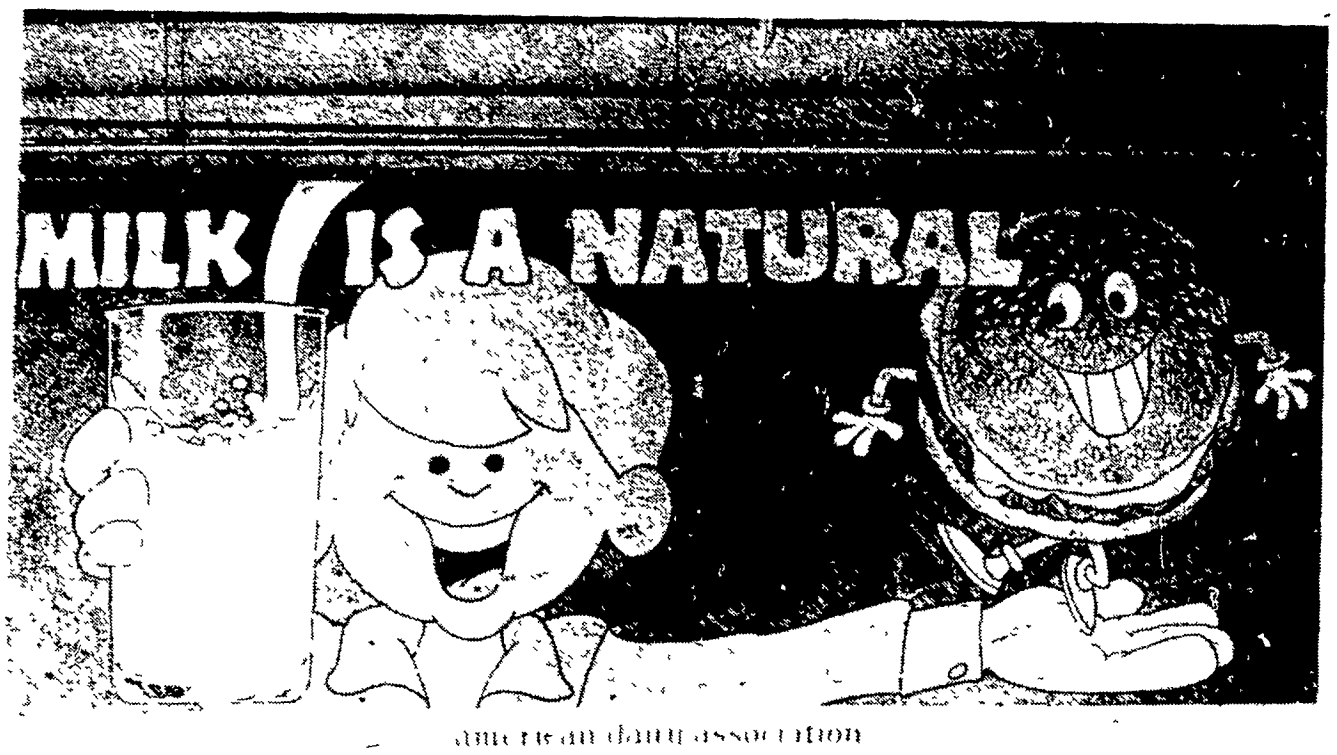
Bruce Stein and Tricia Schwartz were winners in a Cakewalk.

Gifts were exchanged, with twenty eight members, and twenty-five guests present.

Fruit baskets and a flower will be given to shut-in members.

The Penna. State Grange planning meeting for this area will be held at the Red Lion Grange Hall, January 28, at 2:00 p.m. Included in this area meeting are the following Counties: York-Adams, Lancaster, Dauphin, Lebanon and Cumberland.

The next meeting of the Grange will be January 6, 1979, beginning at 6:30 p.m. with a covered-dish supper, and "Dues Nite."



Folks visiting the Pennsylvania Farm Show will be reminded by the giant wall poster that milk ... is a natural, anytime, anywhere.

Some used to say that putting one's ear next to a lion's ear would cure deafness.

ATTENTION FARMERS... FREE ESTIMATES ON RODENT CONTROL

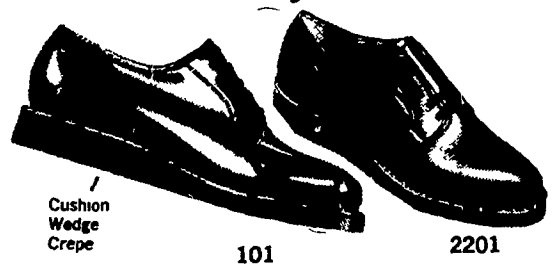
RODENTS carry diseases which can endanger the health of your flocks. **Your** business is raising the flocks. **Ours** is protecting them.

Ehrlich

1278 Loop Rd.
Lancaster, Pa. 17604
717-397-3721

Since 1928
Pest control is too important to trust to anyone else

Plain or Safety Steel Toe



Hardworking Feet Deserve CUSHION-WEDGE CREPE COMFORT

STYLE 101

WIDTH	AAA	AA	A	B	C
SIZE	10-18	9-15	8-15	7½-18	6½-14
WIDTH	D	E	EE	EEEE	
SIZE	5-16	6-14	6-14	5-13	

STYLE 2201 Safety Toe

WIDTH	C	D	E	EEE
SIZE	8½-12	7-13	7½-11	8-11

RED WING

master charge VISA

WAYNE'S DRY GOODS

271 W. Main St. Kutztown
Phone (215) 683-7686
Free Parking at Rear of Store

QUIET!!!
(That's worth shouting about)

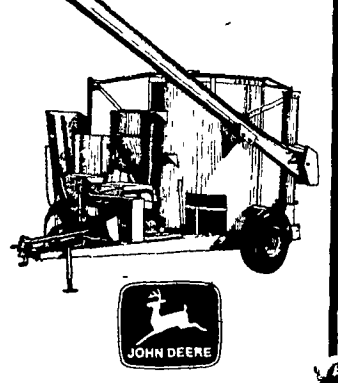
We're proud that our NEW IRON HORSE® Tractors are the quietest line in the field. Look over the official test results listed below and you'll understand our quiet pride. But numbers are just numbers. Be sure to stop by the store and "test listen" a NEW IRON HORSE for yourself.

MODEL	dB (A)
90 hp 4040	79.5*
110 hp 4240	79.5*
130 hp 4440	78.0*
155 hp 4640	77.5*
180 hp 4840	80.0*

*Sound levels at rated engine speed and maximum drawbar power measured at the operator's ear in official tests

Now grind and mix hog rations fast—even with high-moisture corn

Grind your livestock feed when you want to, not when a custom grinder can get to you. And, prepare thoroughly mixed rations —all with a 95-bu. John Deere Grinder/Mixer or its bigger brother, the 130-bu. model 750. See us for details and prices of these two modern feedmakers.



LANDIS BROS. INC.
Lancaster, PA
717-291-1046

ADAMSTOWN EQUIPMENT INC.
Mohnton RD2, PA 19540
(near Adamstown)
215-484-4391

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
215-987-6277

NEUHAUS'ES INC.
RD2, York, PA
I-83 Loganville Ext. 3
717-428-1953 or
235-1306

SHOTZBERGER'S EQUIPMENT
Elm, PA
717-665-2141

A.B.C. GROFF INC.
New Holland, PA
717-354-4191

ROBERT E. LITTLE INC.
Zieglerville, PA
215-287-9643

STANLEY A. KLOPP INC.
Bernville, PA
215-488-1510

KERMIT K. KISTLER INC.
Lynnport, PA
215-298-3270

M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

AGWAY INC.
Chapman Equipment Center
Chapman, PA
215-398-2553

I.G.'s AG SALES
Silverdale, PA 18962
215-257-5136

Facts needed for no-till farming

NEWARK , Del. – Each year more Delaware farmers make the switch to no-till corn, says Delaware Extension crops specialist Frank Webb. Farmers who put in no-till corn this past season have many reasons to be glad they did.

As farmers surely remember, wet ground caused planting delays in 1978; however, the delays were minimized for farmers who utilized no-till culture on part of their land. What's more, most farmers report that their no-tillage corn outyielded their conventional corn.

No-till saves time, water, and fuel, says Webb. It prevents erosion, too, which is especially important with the coming of the Clean Water Act. Section 208 will require farmers to prevent soil erosion and water runoff from land carrying soil nutrients and pesticides into our waterways.

Despite the many advantages of no-tillage, Webb doesn't like to see growers switch over all their acreage at one time. He says 50 to 100 acres is plenty for the first encounter with no-till corn unless one has learned all about the system from someone who really knows – a chemical dealer, an experienced neighbor, or the Cooperative Extension Service.

No-tillage is a new program almost in its entirety, Webb explains. Before one begins, he'll need to learn the precise application rates for chemicals with which he may be unfamiliar. He'll find that broadleaf weeds such as milkweed and Canada thistle can be troublesome with no-till, so he must know the correct follow-up weed control procedures.

In short, for all its advantages, no-tillage could mean problems for anyone who goes into it without enough information. A concise, helpful instruction sheet called "The Delaware No-Tillage Corn Program" is available now from county Extension offices. It will give the basic information one will need for beginning a no-tillage program. A more exhaustive publication on the subject will be available from the University of Delaware later this Winter.

If a farmer is thinking about trying this new cultural practice, he should get all the details first, and then try it on a limited acreage to see whether he likes it. He'll probably soon want to change the operation to utilize the no-till culture to its utmost on corn, soybeans, and eventually even vegetable crops.

New labeling rules set

WASHINGTON, D.C. – According to information received from the U.S. Department of Health, Education, and Welfare, the Food and Drug Administratgion has established new rules on how "low calorie" and "reduced calorie" foods must be labeled. They apply to all foods introduced into interstate commerce on or after July 1, 1979.

A food labeled "low calorie" must contain no more than 40 calories per serving. A food may be called "reduced calorie" only if its caloric content is at least one-third lower than a similar food for which it can substitute.

Other requirements are:

Foods claiming to be low in calories or reduced in calories must bear a complete nutrition label, telling how many calories in a serving as well as amounts of protein, carbohydrate and fat, and the percentage of U.S. RDA for seven vitamins and minerals.

Foods claiming to be reduced in calories must describe the comparison on which the claim is based. Ex: "Artificially sweetened peaches packed in water, 38 calories per one half cup serving, 62 per cent less than Brand X peaches in heavy syrup."

Foods normally low in calories, such as celery, cannot use the term "low calorie" immediately before the name. Celery cannot be labeled "low calorie celery" because it would suggest that one particular celery is lower in calories than an other celery. It must be labeled "celery, a low calorie food."

To be labeled "sugar free," "sugarless," or "no sugar," a food must either be labeled as "low calorie" or "reduced calorie" and meet the requirements for such labeling, or be accompanied by statements like "not a reduced calorie food" or "not for weight control."

A food cannot be labeled as "diabetic" unless it is useful in the diets of diabetics.

Sugar imports trimmed

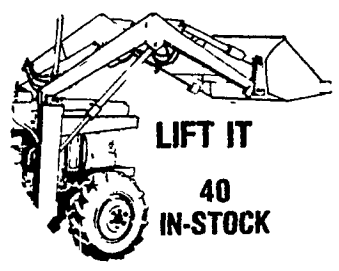
WASHINGTON,D.C. - President Carter, on Dec. 4, issued a proclamation, setting the annual sugar import quotas at 6.9 million tons. The quota had been a 7 million tons since President Ford set it in 1975 following expiration of the Sugar Act. Still in the works, but not yet ready for official announcement, is a proclamation adjusting import fee levels in line with the increase in the domestic support level.

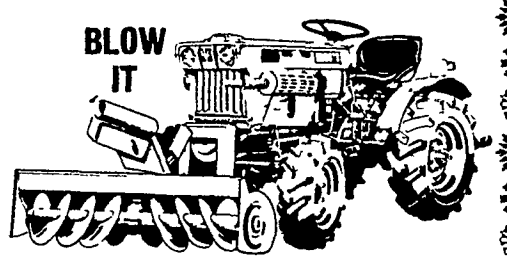
Transportation office planned for Department of Agriculture

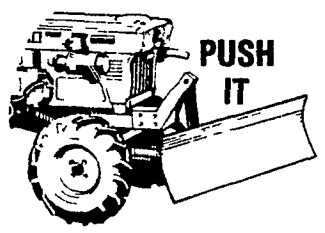
WASHINGTON, D.C. — USDA Secretary Robert Bergland has plans for creating a new Office of Tansportation for the Department, it was learned in mid-December.

According to information released here, the new Office of Transportation will take over transportation functions now being handled by six separate USDA agencies - the Agricultural Marketing Service; Foreign Agricultural Service; Economics, Statistics and Cooperative Service; the Farmers Home Administration; Office of the General Sales Manager and the Science and Education Administration.

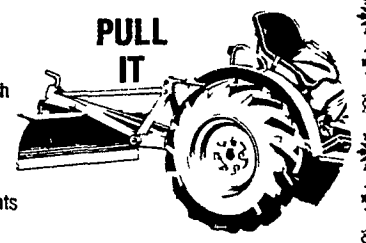
YOU'LL SAY
LET IT SNOW
IF YOU'VE GOT A
4wheel drive KUBOTA DIESEL POWER
TRACTOR TO MOVE IT!!



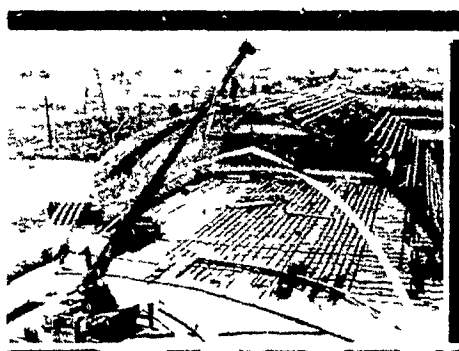




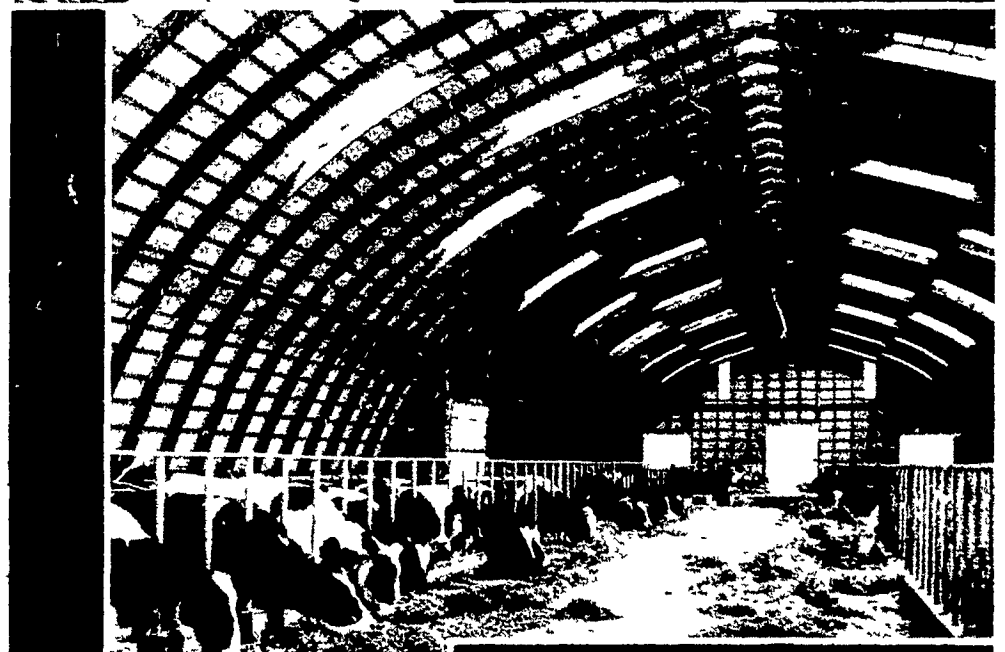
*12 To 55 Horsepower
*Diesel Water Cooled
*Std. Cat "I" 3 Pt. Hitch
*Std P T O
*Live Hyd Lift
*Diff Lock
*Ind Brakes
*Full Range of Implements



KELLER BROS. TRACTOR CO.
1 MILE WEST OF SCHAEFFERSTOWN
BUFFALO SPRINGS PHONE 949-6501



Laminated Rafters:
The First Choice
for Economical Space
True Flexibility
and Total Satisfaction...



Telephone: (717) 866-6581
RIGIDPLY RAFTERS INC.
MANUFACTURERS of
LAMINATED RAFTERS
and WOOD ROOF TRUSSES
RICHLAND RD1, Pennsylvania 17087
OAKLAND RD2, Maryland 21550

LUKE B. Hollinger
2476 Creek Hill Road Lancaster, PA 17601
Phone (717) 656-2366
24 HOUR ROAD SERVICE
CUT – CUT – CUT
If you can use our services, clip the above name and number and keep it in your truck or dispatch office.
General Truck & Thermo-King Repairs
Dunlop Tires
Tire Repair
Inside Reefer Cleaning
Bandag Treading
State Inspection
Notary Public Service

POWERBLADE
Move snow fast. Attach or detach to your tractor in minutes Quadrapoise mount holds blade level with no dragging corner Adjustable angle. Hydraulically controlled height. At your dealer, or write for prices and details. Ag-Tech Industries. 325 West Main St. New Holland, Pa. 17557.
Ag-Tech Industries
Action-engineered equipment

Low-iron sludge holds promise for pastures

COLLEGE PARK, Md. – Safe disposal of sludge from sewage treatment plants ranks high on this nation's environmental concern list. Such philosophy has also spurred a team of workers representing the Maryland Agricultural Experiment Station, headquarted in College Park, and the U.S. Department of Agriculture's Agricultural Research Center at nearby Beltsville.

Some members of this team have spent eight years studying benefits and problems associated with the use of nutrient-rich sludge residues on agricultural land, reports Dr. A. Morris Decker, professor of agronomy at the University of Maryland in College Park. Dr. Decker is project leader for current sludge research, under way at the Beltsville location, which has been funded by the Washington Suburban Sanitary Commission (WSSC).

"Sludge may be recycled onto agricultural land," says Decker. But he cautions that the amounts of sludge which can be safely and profitably applied are limited by several factors.

These factors include soil types, heavy metals and pathogens in the sludge, crops to be grown on sludge-treated land, and the intended use of these crops. Researchers have grown soybeans and corn on sludge-treated soil and have applied sludge directly onto pastureland.

A major concern of researchers is that vegetation grown on sludge-treated land can accumulate heavy metals if soil pH is too low, indicating an acid condition. And high levels of these metals can have a detrimental effect on animals grazing vegetation fertilized with sludge.

Researchers also expressed concern over sludge microorganisms, although most of the microorganisms are destroyed at the sludge treatment plants. Decker said the scientists found no significant difference between the internal parasite levels of beef cattle grazing pasture treated with commercial fertilizer and pasture treated with sludge.

During one grazing study, some cows consuming sludge-treated vegetation appeared to develop an arthritic condition, according to Decker. However, this condition has not been found every year in all of the cattle, nor has it been shown to be definitely sludge-related. Decker said the condition may occur as a natural animal aging process that is accelerated by a mineral imbalance in the animal's diet. Researchers are investigating this situation further.

Decker became involved with sludge research in 1972 when he began growing corn and soybeans on sludge-treated soils. He and other Maryland researchers used digested, dewatered sludge in the experiments. They spread the viscous mass on cropland with an They spread the viscous mass on cropland with an ordinary farm manure spreader to achieve prescribed rates of application. These early experiments involved no livestock.

A dramatic result has been that land given only one application of sludge at high rate six years ago still produces higher yields of corn and soybeans than similar land given annual applications of commercial fertilizer at recommended rates.

The sludge applications also modified soil pH (measure of acidity) and nutrient status. Lime added at the treatment plants to stabilize the sludge results in an initial pH rise, followed by a lowering of the pH as the sludge organic matter breaks down, explained Decker.

In 1975, USDA research workers at Beltsville asked Decker to join them on a project for the Washington Suburban Sanitary Commission. "At that time, WSSC was interested in using pastureland as a way of disposing of sludge, and the utility's officials wanted confirmation that sludge could be applied safely on a year-round basis," Decker commented.

"We submitted a proposal which involved the veterinary science and agronomy departments at the University of Maryland and the USDA's Waste Management Laboratory at nearby Beltsville. WSSC financed the project, and we've been working on it ever since," the Maryland agronomist reported.

Decker and his associates obtained the sludge from Western Branch, Piscataway and Blue Plains sewage treatment plants, located in Washington, D.C., and adjoining Prince Georges county, Md.

During the pasture and livestock studies, the researchers continued to see an accumulation of heavy metals on sludge-treated pastureland. In the 1975 grazing study–the first year involving animals -- scientists received a test sludge that has an unusually high iron content. It caused a tremendous emaciation of the beef cattle on test, and autopsies revealed that iron was deposited throughout the entire intestinal tract of grazing animals.

Decker and his colleagues also found concentrations of iron in the liver of up to 17,000 parts per million (ppm). By contrast, beef cattle on control pastures had concentrations of only 300 ppm. High concentrations of iron were found in the kidney and spleen of test animals, too.

However, Decker reported that concentratons found in the muscle tissues were relatively small. And researchers detected no increases of iron or other heavy metals in the milk of beef cows on test.

The scientists switched to low-iron sludges after the first-year grazing studies, and they have encountered less serious health problems since then. To resolve some of the unanswered questions which still remain, they'll conduct a controlled cattle feeding study, begining this month (December).

Says Decker, "we won't have results on this phase until we finish the feeding study next spring."

The researchers will utilize steers, as well as beef cows with calves. They'll divide the cattle into four test groups. Each group will be fed pelletized forage grown or modified under one of the following conditions:

–Sludge-treated land;
–commercially fertilized land;
–commercially fertilized land, with sludge added during the pelletizing process at the same rate as consumed by the animals in past studies;
–commercially fertilized land, with sludge added during the pelletizing process at three times the rate used for the preceding test group.

Utilizing the feed pellets will enable Decker and other cooperating scientists to do a more precise job in measuring forage and sludge consumption, as well as in monitoring physiological changes in the test cattle.

Cooperation and testing exhibited by the Maryland sludge project is vital, Dr. Decker concluded in a recent interview, in order to accommodate increased environmental awareness by citizens – as well as government demands that sewage sludge disposal be accomplished in a safe and beneficial manner.

Diet manipulation ineffective in preventing heart disease

CHICAGO, Ill. – Despite a generation of research and effort, cholesterol-lowering diets have not been effective in preventing heart disease deaths, stated a nutrition scientist.

"We can lower cholesterol slightly by dietary manipulation and by using drugs," said Dr. Peyton Davis of the National Live Stock and Meat Board, "but no one has shown that such measures will prevent heart disease deaths."

Davis, speaking here at a meeting of the Nutrition Research Committee of the Meat Board, said there appears to be a movement in scientific research away from the "popular but still unproven" concept of dietary manipulation as a means of controlling heart disease.

He said a number of scientists are now shifting research emphasis to identify the differences between people in how their bodies handle, transport and dispose of cholesterol and other fatty substances which the body produces. This involves lipid metabolism and the roles of high density and low density lipoproteins (HDLs and LDLs) in the prevention or development of heart disease.

Davis, director of the Meat Board Nutrition Dept., said other scientists are looking closely at the effects on health of a diet high in polyunsaturated vegetable oils. Some studies indicate potentially harmful effects, a little publicized phenomenon that should be more widely examined and understood, he said.

Davis stated that the shift in direction of research on cholesterol-fat-heart disease, however, "continues to be overshadowed by the outspoken positions of well-publicized individuals and organizations. Such groups have been preoccupied with the notion that every person is exactly the same and that we'd all be at lower risk for heart disease if we ate less meat and more polyunsaturates." Not only is this well-tested hypothesis wanting in clinical proof, but a generation of testing seems to have disproved it, he noted.

Davis emphasized that the issue is still controversial. He said the lack of scientific answers in this area is the reason many of the Meat Board's research grants are placed with scientists investigating cholesterol and fats in the diet and in the body. Research in the field of human nutrition has been a fundamental part of the Meat Board's program. This and other research has helped establish the validity of meat as a source of readily available protein, minerals and vitamins, he said.

FFA citrus sale held

LAMPETER - The Future Farmers of America Chapter at Lampeter-Strasburg has completed their annual citrus sale. This year the FFA sold nearly 800 cases of various oranges and grapefruit.

During the sales a contest was held. There was a greenhand and freshman contest and an upper classman contest.

The high salesmen of the greenhand contest was Jeff Hess, Strasburg; with 37 cases followed by Sue Shenk, Willow Street, with 35 cases.

High salesmen for the upper class was Jim Mock, Willow Street, with 127 cases, followed by Darrel Dombach, Refton, with 73 cases.

The top salesmen of each contest will receive a free FFA jacket and twenty-five cents for every case over ten that they sold.

The chapter hopes to clear approximately fourteen hundred dollars from this sale as profit.

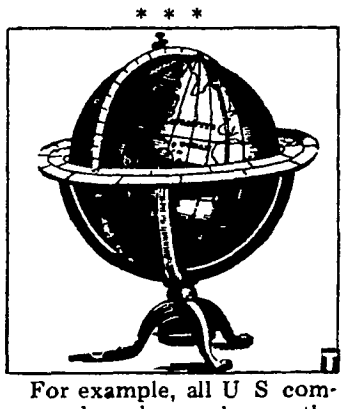
Leaders needed

FLEMINGTON, N.J. - The Hunterdon County, N.J. 4-H Agents are looking for leaders. They have young people that are interested in forming a stamp club, photography club, a drama club, and an archaeology club. People are needed who are knowledgable in these fields. They have assistant leaders for these clubs, people who will organize and be the administrators. What is needed are people who would be willing to provide factual information. If one likes working with young folks, they can offer their services.

Your Personal $ MONEY Management

Before you take off on a holiday, personal or business trip, you should do some careful research to find the real travel bargains, advises The Consumer Credit Institute, a counseling service of consumer finance companies.

* * *



For example, all U S commercial airlines charge the same price for the same class of service, but there are many fares you may not know about.

* * *

Another tip. Don't overlook the economics or convenience of traveling by train since over 1,500 trains serve more than 475 cities with rates that are less expensive than airlines. The family car can be the biggest bargain of all, but with the near completion of the federal interstate highway program, bus transportation has become extremely rapid from city to city.

SCALES
GARBER SCALE COMPANY
FOR
- GRAIN SCALES - PLATFORM SCALES
- TRUCK SCALES ► 3 WEEK DELIVERY
★ 24 HOUR SALES & SERVICE
121 Witmer Rd. Phone
Lancaster, Pa. 17602 (717) 393-1708
DON'T WAIT TIL HARVEST TIME...If you need a scale for your growing corn or grain operation, call us now!
ALL SCALES STATE APPROVED

GALVANIZED CARBON STEEL
FLATTENED EXPANDED METAL
FOR HOG FATTENING HOUSES
FOR NURSERY
48" x 96" SHEETS - #¾ x 9-11

	Per Sheet	10 or More Sheets
GALVANIZED	$43.50	$39.50 ea.
PLAIN	$37.25	$35.50 ea.

PAUL B. ZIMMERMAN, Inc.
HARDWARE & WELDING
R.D. 4, Box 128, Woodcorner Road Lititz, Pa. 17543
Phone: 717-738-1121

Additive may raise protein in corn

WEST LAFAYETTE, Ind. A fertilizer additive that as developed to preserve he availability of nitrogen or plants, nitrapyrin, may ncrease protein production corn. This additive has ncreased production of me protein components ore than others.

These observations were ade by a team of scientists ho earlier found that itrapyrin reduced the verity of several plant iseases - stalk rots in corn nd the root rot take-all in heat. SEA plant athologist Herman L. arren and his colleagues of e Purdue University gricultural Experiment ation, West Lafayette, d., noted in their earlier udy that nitrapyrin at mes dramatically in-eased grain yields.

Nitrapyrin is a rification inhibitor - it ows the process in which rogen in the ammonium m is converted to the trate form. Because rates from fall-applied tilizers may leach from e soil or be converted to mospheric nitrogen gas before they can be utilized by the next season's crop, Dr. Warren says, slowing formation of nitrates can save dollars invested in fertilizer.

In their latest study, the scientists found that corn grown with high or normal rates of stabilized ammonium fertilizer generally produced both higher yields and higher percentages of protein than did corn produced with unstabilized fertilizer.

The researchers also found that the endosperm portion of corn kernels grown with stabilized fertilizer contained a higher percentage of zein (an alcohol-soluble protein) than did endosperm of corn grown with unstabilized fertilizer. Zein is poor in nutritional quality for humans and one-stomach animals such as pigs. This protein contains little of the essential amino acid, lysine.

If the greater proportions of low-quality protein seems disappointing, Dr. Warren says, the cloud of bad news has a silver lining. The corn grown with stabilized fertilizer had greater kernel weight and germ size. Increased protein in the larger germ consisted of nutritionally desirable types of proteins called albumins and globulins.

While proportions of protein types in sections of the kernels differed according to nitrogen fertilizer applications, the various amino acids were produced in about the same proportions in the complete kernels, Dr. Warren says.

Zein, which is rich in the amino acids glutamine, leucine, proline, alanine and asparagine, may serve as a nitrogen sink, or storehouse, to prevent accumulation of toxic levels of ammonium and free amides in other parts of the plant, says Dr. Warren. It also forms a matrix for storage of starch granules in the endosperm.

Dr. Warren and his colleagues have hypothesized that, when the nitrogen sink is abundant, high rates of ammonium fertilizer speed the movement of sugars or photosynthates from leaves to the kernels. This movement of photosynthates may promote starch production for increased corn yields.

Some corn hybrids are genetically programmed to produce more zein than others.

Members of the research team of Purdue University included Biochemical geneticist Dr. Charles Y. Tsai and plant pathologist Dr. Don M. Huber.

Nitrapyrin may greatly improve the recovery of nitrogen fertlilizer by the nation's corn, cotton, wheat, and sorghum crops under wet soil conditions. The manufacture of a ton of the nitrogen fertilizer, anhydrous ammonia, requires 40,000 cubic feet of natural gas (not 400,000 cubic feet as was incorrectly stated in the August 1978 issue.) Corn and wheat alone, which consume over half of the total nitrogen in fertilizers offer the greatest potential in benefits through higher yields with inhibition of nitrification.

Fertilizer companies sell nitrapyrin as a premix ingredient in anhydrous ammonia, liquid nitrogen, or dry ammonium-type fertilizer for incorporation into soils used in corn, cotton, wheat, or sorghum production.

The product has been marketed in increasingly larger geographic areas since 1974. It is now applied extensively by farmers in pockets of the Midwest, Southeast, South, Great Plains, West, and Pacific Northwest.

Numerous methods can be employed to incorporate nitrapyrin into fertilizer and the soil. When anhydrous ammonia is used, for example, nitrapyrin may be metered into ammonia nurse tanks at the dealer location or farmers may use their own pumping equipment for metering it through their fertilizer applicators.

Regardless of the type of fertilizer used, nitrapyrin must be incorporated into the soil where it can act as an antibacterial agent against soil organisms that rapidly convert ammonium nitrogen to nitrates.

Nitrapyrin is federally registered for use with specific crops at rates of one-fourth to one-half pound per acre (.28 to .56 kilograms per hectare).

ALL-WEATHER
Paint-Stik
LIVESTOCK MARKER

ZIMMERMAN'S ANIMAL HEALTH SUPPLY
RD4, Lititz, PA 17543
Ph: 717-733-4466
CLOSED ALL DAY WEDNESDAY.

Methane waste production system developed

ITHACA, N.Y. – A full-scale demonstration facility designed to produce methane from cow manure has been developed by Cornell University researchers, who say the process also removes 90 per cent of the odor from the waste material being treated.

This raises hope that farmers may be able to produce on their own farms a much-needed fuel using cow waste as a renewable source of energy. Simultaneously, it will reduce the pollution potential of the waste which, after yielding methane, retains nutrients useful for crop production.

Methane, like natural gas, is a clean-burning fuel. In fact, natural gas is 99 per cent methane. A typical waste-generated gas consists of 60 per cent methane and about 40 per cent carbon dioxide along with traces of other gases.

Such a mixture of gases, called biogas, has many potential uses. It can be used to heat farm homes and buildings, produce hot water for milking equipment, cool milk, dry crops, run power generators, and fuel mobile units within a confined area.

"We are now testing a waste digester with the potential of producing a fuel that can be used as a substitute for natural gas at a cost competitive with conventional fuels," says Prof. William J. Jewell, agricultural engineer at the N.Y. State College of Agriculture and Life Sciences, Cornell.

The system was developed by a team of researchers led by Jewell, climaxing five years of research evaluating the technical, economic, and practical feasibility of this technology for dairy farms and beef feedlots. In full operation since early this Fall, the facility is located at the Colege's Animal Science Teaching and Research Center at Harford.

The demonstration unit consists of a large trench, five feet deep and 40 feet long, covered with a rubber-like material. The flexible cover ballons above ground as methane, generated from the manure in the trench, increases and fills it. The 55-foot-long balloon looks like a stranded whale on a beach.

This trench-type digester holds and processes 40 tons of manure in a continous operation. All the daily manure from 65 cows, amounting to four tons (about 8,000 pounds), goes into the digester by gravity at one end of the trench, and about the same amount of processed waste flows out the other end.

Describing the digester as simple, inexpensive, and efficient in design, construction, and operation, Jewell says the system is designed to operate automatically with little maintenance or labor. At today's prices, the equipment and materials would cost less than $10,000. The installation costs are additional.

The Cornell digester now produces about 2,000 cubic feet of methane a day. That's about $6 worth of enery based on the current price of propane gas, or about $2,200 worth of fuel a year, Jewell notes. Part of the gas, however, is urged to keep the digester operating at a 95-degree temperature, a critical part of the system because methane-forming bacteria in the waste thrive at this temperature in the absence of oxygen.

This bacterial process, called anaerobic digestion or anaerobic fermentation, stops when the digester cools down to 50 degrees F. Right now, about 30 per cent of the gas being generated is used to keep the digester warm and working, and more gas might be needed in Winter months. Since the digester is purposely set up outdoors without a shelter – an item requiring additional investment – consumption is likely to go as high as 40 to 45 per cent.

"This is one of the unknown factors we want to find out this Winter," Jewell says. "Even if the digester uses a large proportion of the gas, the net amount of usable energy will be more than enough to meet the needs of farm residences and for some of the critical farm operations. A farmer would end up having $1,000 to $1,500 worth of net energy a year."

The designs now being tested are in the development stage, Jewell points out, and therefore no working plans for the system will be available to farmers until current experiments are completed at the end of next Summer. When the final blueprint is drawn, the digester could be installed with no special skill on the part of the farmer. Says Jewell, "It will be more like a do-it-yourself job."

Besides energy production, the system, as Jewell sees it, represents a major advance in alleviating the problem of pollution associated with animal wastes. The digester, while yielding methane, turns the waste into an almost odorless material yet preserves such nutrients as nitrogen in ammonia form, phosphorus, and potassium -- all essential elements for plant growth. The amount of processed waste coming out of the digester is about the same as the original volume.

"The main reasons for considering this technology are not only for on-farm energy production but also for odor control and conservation of nutrients in the treated waste material for use as a fertilizer," Jewell emphasizes.

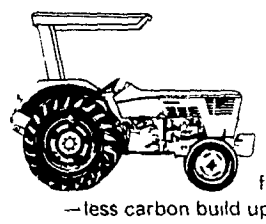
Encouraged by the results thus far, the Cornell researchers are hoping to develop similar processes for poultry manure, swine waste, and crop residues such as corn stalks. The bulk of funds for the current research have been provided by the Department of Energy, and earlier work was supported by the National Science Foundation.

xxx

In 1918 yields per acre averaged 24 bushels for corn, though it ranged from a low of seven per cent in Kansas to the really big yields in New England - 44 in Rhode Island, 45 in Maine and New Hampshire, 50 in Conecticut and 52 (the nation's highest) in Massachusetts. Illinois and Iowa were the biggest corn producers.

no radiator
no water pump
no water hoses
no anti-freeze

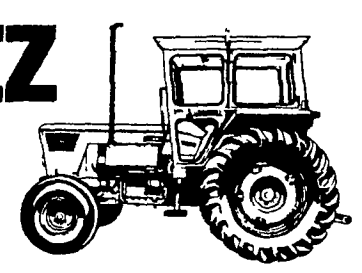
Deutz AIR-COOLED
(SAY DOYTZ)
DIESEL-POWERED TRACTORS



Direct air cooling eliminates major causes of costly down time And it permits higher internal cylinder temperatures for more complete combustion —less carbon build up and smoke—more hours per gallon We'll be glad to arrange for a demonstration

All Deutz Tractors - 24 Month Engine Warranty

Deutz
(SAY DOYTZ)



BIG FUEL-SAVING TURBO-CHARGED AIR-COOLED DIESEL

130 PTO HP STRONG

The Deutz D 130 06 uses less fuel than any tractor in its class And it comes with these outstanding features as standard equipment hydrostatic power steering, hydraulic brakes, 16 forward and seven reverse gears, synchro-mesh transmission independent pto differential lock heavy duty swinging draw bar independent parking brake Deutz safety cab and four-wheel drive available as optional equipment

DEUTZ Tractors

STAUFFER DIESEL, INC.
312 W. Main St., New Holland, PA.
Phone: 717-354-4181

100TH ANNIVERSARY 1876 1976 DEUTZ FIRST FOUR STROKE CYCLE ENGINE

1978 was a good year

(Continued from Page 1)

1979 will be any better than 1978.

"Inflation, the ball has started rolling and I think it'll keep on rolling," the Lancaster County dairy farmer commented. He opinionizes that the country may be headed into a depression.

"I wish the rest of the world would stand as good as American people," he continued. "The outlook is good, I think, for farmers. He's in the right busines for the simple reason that people can do without a lot of things but they have got to eat.

Expressing satisfaction with prices he's receiving for his products, he also noted that increased expenses haven't hurt him too much because he can make a tractor last for 10 years.

Concluding his remarks, Rohrer felt that a farmer can "see a little wider and broader than other people." During the week, he said, he gets a little concerned about the future, but on Sundays in church he gets revitalized and is ready to meet the challenges.

Mrs. Glenn Burckhart, commented that she, her husband, and four children moved to the Williamsport area nearly two years ago. After years of having been a hired man, Burckhart had an opportunity to purchase his own farm. They formerly resided in the Leola area of Lancaster County. They now milk 35 head of cows and are really enjoying it, despite the hardships common to all dairy farmers, especially those who are just starting out.

Mrs. Bruckhart considered 1978 to have been a good year for them. The cows did well, the crops were good, and above all, the neighbors were "so nice to work with." They were able to realize some improvements on the property, such as building a silo. "We appreciate each step, knowing that we can improve," she said enthusiastically.

"I can't say we had a really prosperous year, but things are working out well," she continued. "For 1979 I'd like to see corn prices come up a little, but it's the repair bills that bother me the most. The parts, they seem so unreasonably high priced. Machinery and parts should be priced more in line with our incomes. That's my biggest heartache But if we can keep both ends up, I'll be happy," she concluded.

A Berks County dairy farm wife didn't give such an optimistic report for 1978 The cows didn't do too well, and the corn crop wasn't as good as it should have been. "But we're getting a pretty good price for our milk," she added. "For 1979 I'm looking for the cows to do better and for us to get the work done on time."

A Lancaster County cattle and hog farmer speculates that 1979 will be much the same as 1978. He says his prices were good this year and he fully expects them to be that way next year. "But what the farmer has to buy is getting higher," he complained. "Our costs are too high compared to our income, especially for farm machinery. Prices went up considerably; they've really advanced in comparison to what we get for our farm products.

Clair Breeneman, a dairy and crop farmer from the Manor area of Lancaster County, is optimistic about 1979. He recalls the experts' predictions of a year ago, and notes that conditions for 1978 turned out to be better than what was being predicted. "Milk marketing was especially bad a year ago, but it was straightened out," he said in a tone which reflected his confidence for 1979. Cull cow prices have also been attractive, he added. "We had a right good year. The weather was perfect. We've had the best corn crops and we were never hurting for moisture," he continued.

"But equipment is rather high - I might use the term ridiculously high. Feed and fertilizer where pretty much in line with the price of milk. But equipment prices just don't line up. We are getting a good price for our milk now. Dairying has been especially good for the past six to eight months."

Another Lancaster Countian in the Strasburg area agreed that 1978 was a good year. "It was very good," he commented, "I don't know why anyone in this area wouldn't have been satisfied." A cattle farmer, he said he was satisfied with his prices. He believed prices for milk and crops were also good. The weather was perfect.

"What happens in 1979 all depends on the economy, whether or not we go into a recession, and things like that," he continued.

He noted too, though, that he paid twice as much for feeder cattle this past Fall than he did the year before.

Several farmers indicated that they weren't getting enough money for their products, especilly when their income was compared to expenses. Again, machinery and parts were the biggest culprit, they claimed. "I don't see where it's going to end," commented a Lehigh County dairy farmer. In addition he was concerned about imports driving domestic farm prices down. "1978 was fair," he concluded.

One lady commented that she thought the government should step in to keep prices and costs in line.

Overall, farmers in the area are happy with how 1978 treated them and they're looking forward to 1979 being about the same.

Winners named at Berks Co. Holstein banquet

By LAUREL SCHAEFFER
Staff Correspondent

SHARTLESVILLE -- Berks County Holstein breeders held their annual banquet at the Shartlesville Grange, Shartlesville, climaxing a year full of accomplishments, including two export orders. But highlighting the affair was the presentation of the youth awards by David Schantz, youth chairman.

Receiving Distinguished Junior Member honors were William Lesher, Bernville and Jeff Miller, Kutztown as both topped their respective junior and senior divisions. Production awards were presented as follows: 2 year old milk and fat - Scott Miller, Hamburg, for 25,319 pounds of milk and 738 pounds butterfat; 3 year old milk - Todd Miller, Hamburg, for 23,507 pounds milk and 738 pounds butterfat; 3 year old fat - Penny Bicksler, Richland, for 20,578 pounds milk and 754 pounds butterfat; 4 year old milk and fat - Scott Miller, 25,493 pounds milk and 914 pounds butterfat; 5 year old milk and fat - Penny Bicksler for 27,283 pounds milk and 888 pounds butterfat.

Receiving awards for showmanship was Wendy Shaw, Oley, while fitting honors were bestowed on Michael Mertz of Fleetwood.

Keith Buch, Fleetwood, was also honored for having the highest selling animal at the County club sale held earlier during the year. His cow sold for $3,150 Dennis Sattazahn, County sale chairman reported to the members that 11 animals from Berks County were consigned to the spring state sale. He also mentioned that the club had two export orders during the year. Fifteen open heifers were sent to Spain from the County and six bred heifers went to Hungary.

Election for junior and adult directors were also held during that evening. Elected Junior Directors were: Penny Bicksler, Richaldn; Daryl Harnish, Richaldn; Ronald Keffer, Hamburg; Debra Troutman, Myerstown; and Karen Sattazahn, Womelsdorf.

Newly elected adult directors are; Roy Hoppes, Hamburg; Burd Schantz, Alburtis; Robert L. Seidel, Lenhartsville; and Frank Gromlich, Hamburg.

Speakers included Harris Wilcox, autioneer from Bergen, N.Y., and County Extension Agent Jim Haldeman. Haldeman explained the status of the relatively new somatic cell County program being offered through the DHIA.

James Shaw, state director noted the state convention will be held at the Sheraton Berkshire Inn Reading on February 22, 23 and 24th. A report on the other state activities was given by Bob Morris, special program director.

Poultry federation reorganizes

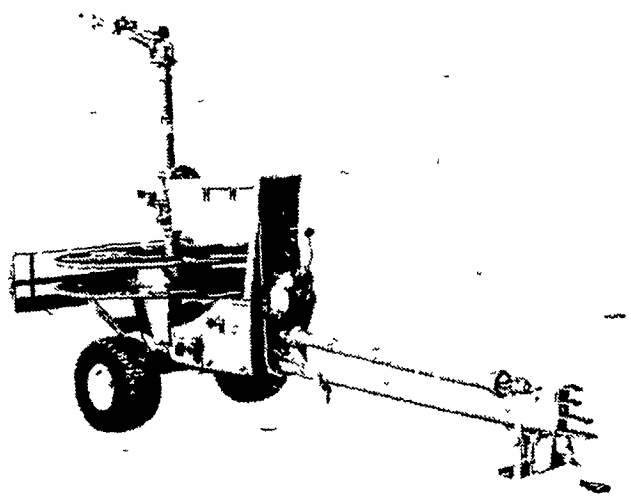
HARRISBURG - The board of directors of the Pennsylvania Poultry Federation recently reorganized the Federation with approval of amendments to the by-laws. The Federation will be operated by three divisions, the Pennsylvania Broiler Council, and Pennsylvania Egg Council, and the Pennsylvania Turkey Council beginning in March of 1979. The current officers of the Federation will continue with authority to September 1979, until officers of the Councils and new board of directors are elected in June and September.

The board of directors also adopted a new symbol to represent the new Pennsylvania Poultry Federation. Minor modifications have to be made to the logo, after which it will be used exclusively for letterheads, all publications and any display material representing the Federation.

WHAT'S NEW

TRAVELING SPRINKLER

The newest and smallest member of the Water-Winch traveling sprinkler line is announced by Ag-Rain, Incorporated. The WW-1400M is designed specifically for use on small acreage, and may be of interest for farmers; flower, fruit, and vegetable growers; athletic fields and parks; sod farms and golf courses. Powered by Ag-Rain's exclusive patented radial inflow turbine drive, the WW-1400M has infinitely variable travel speeds with 1000 foot maximum travel distance. This compact traveling sprinkler has wide flotation tires and uses 2½ inch hose that can be reeled onto the built-in hose spool by attached PTO shaft. The WW-1400M has a flow capacity of 60 to 150 gallons per minute and incorporates

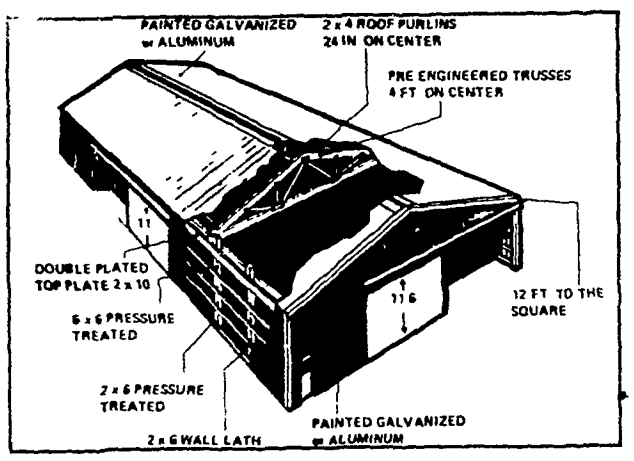


most of the proven featurs of the larger Ag-Rain travelers. For additional information on the new WW-1400M and the name of your nearest dealer contact Ag-Rain, Inc., 600 S. Schrader, Havana, Illinois 62644.

HIGH PRESSURE WASHING AND DISINFECTING POULTRY HOUSES AND VEAL PENS

MAYNARD L. BEITZEL
Witmer, PA 17585
Phone - 717-392-7227

BUILDINGS FOR EVERY NEED
Quality Built & Expertly Constructed
Machinery, Confinement, Storage
Compare & Then Call Us
AND SAVE


PAINTED GALVANIZED w ALUMINUM
2 x 4 ROOF PURLINS 24 IN ON CENTER
PRE ENGINEERED TRUSSES 4 FT ON CENTER
DOUBLE PLATED TOP PLATE 2 x 10
6 x 6 PRESSURE TREATED
2 x 6 PRESSURE TREATED
2 x 6 WALL LATH
11'6
12 FT TO THE SQUARE
PAINTED GALVANIZED w ALUMINUM

BILL & STAN INC.
RD1 Brogue, PA (717) 927-6092
Serving York, Lancaster & No. MD

MASTER-MATIC SILO SYSTEM
FICKES
SILO COMPANY, INC.
NEWVILLE, PENNA. 17241
Please send information on Fickes Master-Matic Silo System and Silage Master Silos

Fickes Silo Company Inc.
Stock Cherokee Trailers
P. O. Box 7
Newville, PA 17241
Phone - 717-776-3129
Trailers well worth their cost
Silo-Matic FEEDING SYSTEMS

Please send me information on ☐ Fickes Silos
☐ Please send me color catalog on the Cherokee horse stock trailers and GN flatbeds
Name _____
Address _____
City _____ State _____ Zip _____
Phone _____

Taking a bath really isn't much fun, but if Daddy is around, it's a splash with lots of laughs. And nothing beats the comfort of laying back in Daddy's arms. That's the life of Heidi, who turned 2 this week. Her father is the luckiest and happiest man in the world.

Her heart belongs to Daddy

Heidi - just the name brings a good feeling to my mind and heart.

A cute little blonde, with blue eyes, and an ever-present smile for her Daddy, she turned 2 years young this week.

Her heart belongs to Daddy. What a precious experience to have her! She welcomes me whenever I come her way. "Hi, Da!" she says cheerfully, with eyes gleaming fondly and that smile becoming more pronounced than ever. She loves to be on my lap, eats most every meal with me and likes no place better than my arms. We're both very happy about that.

NORTHEAST SEED SUPPLY, INC.
Certified Soybean Seed
Early Orders
Volume Discounts
Dealers Wanted
Deliveries Available
Call For Price Quotations
609-769-2943 or
609-769-2055
Wholesale Retail

Global

(Continued from Page 1)

coronary heart disease.

Today this is no longer an accepted fact; new research, he noted, has shown that there is *no* scientific evidence that the ingestion of cholesterol, as in eggs, has any relationship to the incidence of coronary heart disease in humans.

Presently there are two distinct schools of scientific opinion on this issue. Wentink feels that the egg industry should consider the newest published research "a great step forward" and should do everything in its power to encourage further scientific investigations.

Although per capita egg consumption has dropped or remained static in the developed countries, the demand for quality protein has increased in many other parts of the world.

The U.S. egg industry has, as a result, seen a greatly stepped up export demand for fresh, frozen fresh, and dried egg products.

The impact of all this, he continued, on the national egg price structure has been felt not only in Lancaster County but in the entire U.S. egg industry.

Mid 1978, he noted, the ate of which the latest figures were available, the U.S. was exporting about 21,000 cases of table eggs per week, which is about .55 per cent of the national production. The American Egg Board's export development committee's calculations indicate that this effort has added about 72 cents per case to the producers' income.

Wentink is active on behalf of the egg industry, attending meetings around the globe concerned with the subject.

He was in Europe last March, attending a meeting of the health and nutritional committees of the International Egg Commission, of which he is a member.

This organization, he explained, monitors the political, scientific, health, public relations, and international movement of eggs for 24 nations. The official member of the group for the U.S. is the United Egg Producers, in Atlanta, which Wentink represented.

Wentink told of a situation in Western Europe, that is affecting the egg producing capabilities there.

In some parts of Western Europe, it is forbidden to house layers in cages or there are space requirements that are

Hendrick Wentink

prescribed by government regulations. Denmark is one country that forbids such housing entirely, Switzerland is studying new regulations.

The reason for these restrictions, which should be a concern to producers worldwide, Wentink commented, is that supposedly the practice is cruel to animals.

"This is an incorrect assumption," he stated. "A live being does not perform its best unless it is happy. If you look at the production records of caged birds, they are phenomenal, and getting better every year."

"When you hear the caged chickens singing in the morning, you know that they are happy," he continued. "And this is because you have gotten rid of the pecking order that is natural to chickens."

As a result of these caging restrictions, he commented, Denmark is not able to compete in the export market.

These and other problems, including trade restrictions, were studied at the London meeting.

In July, Wentink went to Venezuela, as chairman of the export development committee of the American Egg Board, Chicago.

As part of an exhibit of exportable food products form the U.S. there was a display of eggs there. Two cases of sample eggs were shipped, Wentink related, and by the time they arrived at their destination, there were only two cartons of whole eggs intact. But the show, with its good attendance and interest, was a success. The show was well attended by people from many parts of the world, including the Mid East.

In September, Wentink travelled to the International Egg Commission meeting held in conjunction with the Congress of the World Poultry Association. This was held in Rio de Janeiro, Brazil. Of all the South American cities that he visited this year, he reflected, Rio de Janeiro had the most relaxed atmosphere.

He noted that a large amount of the Brazilian egg production is operated by second and third generation Japenese. The producers, he added, are hindered by many government restrictions in importing both technology and equipment. High duties and restrictive policies are in effect to try and protect Brazil's emerging equipment-producing economy.

While in South America, Wentink took time to visit Argentina, Peru, and Ecuador.

Buenos Aires is a magnificent city, aptly named the "Paris of the New World", he commented.

Wentink visited broiler producers and processors there and found methods and quality on a par with U.S. methods used in the late 1950's and the early 1960's.

Peru he classified as a disaster area economically, stating that he thinks it is close to bankruptcy, and doubting if it will ever be able to repay its bank loans. To the Peruvian government's credit, it must be said that it is making a very determined effort to get the" show back on the road".

All poultry production there suffers from severe handicaps die to the importation restrictions on feedstuffs such as corn and soybean meal. Neither are available in quanity locally and the foreign exchange simply is not available to purchase the quanities necessary to get efficient poultry nutrition.

Both poultry, egg production and the total economic picture were brighter in Ecuador, he noted. The general attitude of the population was more relaxed and although, like many other areas in South America, the division between the haves' and the have nots' is very sharp; nevertheless, the lower income people had much dignity and everyone was earnestly trying to make a living.

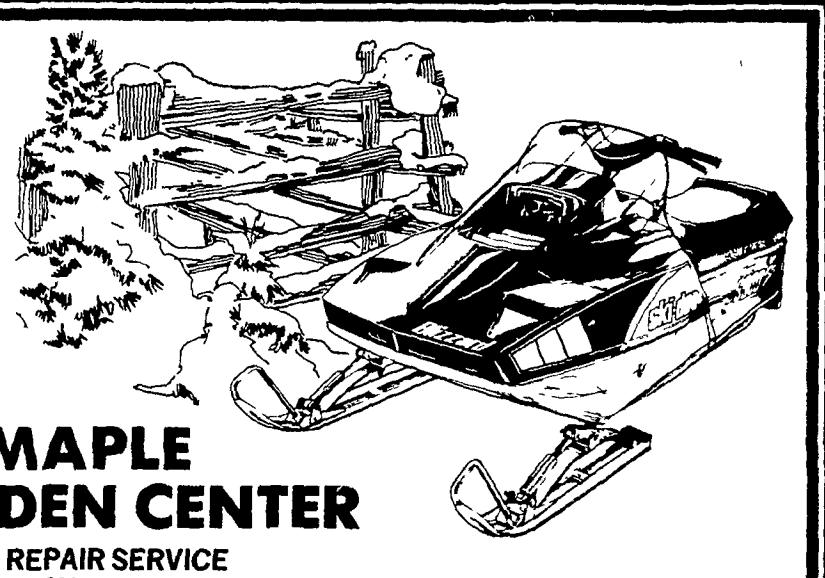
World wide in the egg industry, Wentink concluded, it does not really matter who provides the eggs for export. What does matter, is that the egg price reflects the supply and demand.

The increasad world wide demand for better protein can, to a considerable extent, be filled by the U.S. egg industry and it does reflect itself in the egg price received by the Lancaster County egg producers.

Grain exports slide

WASHINGTON, D.C. - Developing and poor countries will import more grain during the 1978-79 crop season but world grain imports will drop overall about four per cent to 146 metric tons, the U.N. Food and Agriculture Organization (FAO) forecasts. Reduced imports will be caused by record world harvests of wheat and coarse grains and generally good prospects in many regions, FAO said.

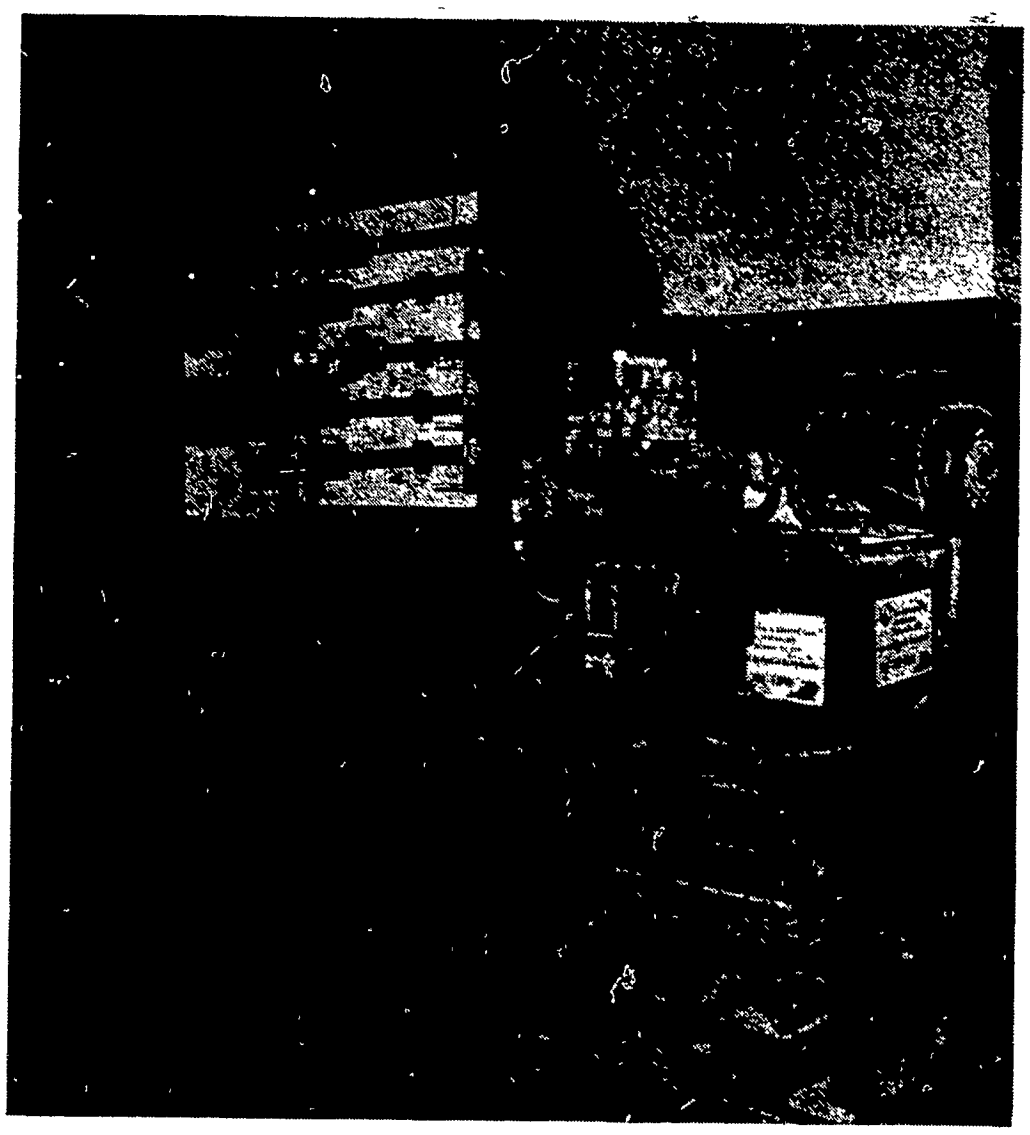
FANtastic!
New ski-doo BLIZZARD® 5500
Performance sled and family sled wrapped up in one great fun package Big fan-cooled Rotax At a fan-cooled price New FanJet air cooled muffler Free wheeling Torque Reaction* slide suspension Sleek wind-tunnel-tested "Total Design ' Blasts across snow like a high wind Great feeling The fan-cooled Blizzard 5500



Go doo it.
ski doo
SHADY MAPLE
LAWN & GARDEN CENTER
AT JOHN L. STAUFFER REPAIR SERVICE
GOODVILLE, PA. PH: 215-445-6175
* Trademarks of Bombardier Limited
BOMBARDIER ski-doo snowmobiles

ALL TYPES OF FARM BUILDINGS
- Broiler Houses
- Layer Houses
- Pullet Houses
- Hog Houses
- Cattle Barns
- Horse Barns

And Many Others
Will Design To Your Needs.
Call:
REYNOLDS & YELLOTT CO., INC.
12800 Gores Mill Rd.
Reisterstown, MD 21136
Over 24 Years Experience
301-833-1840



The custom designed weigh station is mobile and hydraulically controlled. A precise, one step process.

Maryland feed mill modernized

HAGERSTOWN, Md. - A feed mill near here has installed an innovative system which brings feed mixing to a new level of precision. James S. Martin and his business partners at Maugansville Elevator and Lumber Co. have had their new equipment in operation since May of this year.

Martin was determined to eliminate variables. He was joined by the Emtrol Corporation which assembled the electronics. Procedures are now controlled and monitored at a master control panel. The Penn Banger Company consulted with Martin and assisted in the engineering and installation of the total project on a technical level.

The system begins with a motorized, mobile weigh station. After each ingredient is weighed, the bottom of the weigh station opens hydraulically and the contents are sent, by elevator, to the mixing drum located on the roof.

Martin also designed a unique method for measuring molasses. The amount needed for a given formula is preset on a dial. When mixing begins, the molasses are automatically fed through pipes into the drum.

After mixing is completed, the prepared feed is emptied into one of four large holding bins to await delivery.

Chester Martin, production manager for the mill, explains some of the spin off advantages to the system. "Our employees have better working conditions. We are saving labor costs which in turn helps to hold down the cost of feed."

Contest winners named

HESSTON, Kansas - James Paxton, West Grove, was named one of four grand prize winners in the Hesston Corporation Challenge Sweepstakes which were just concluded. His prize was the Hesston Product of his choice.

Four grand prize winners were chosen in all. Forty runner-up winners won $250 gift certificates from Shepler's Inc., the world's largest western store.

For his grand prize, Paxton chose a Hesston model 6610 self-propelled windrower.

Other grand prize winners were Dennis Kelley, Grand Junction, CO., also a winner of a Hesston model 6610 self-propelled windrower; Gary Premus, Ft. Pierre, S.D., winner of a Hesston 1014 Hydro Swing Windrower; and Grant Sandlin, Searcy, Ar., winner of a Hesston 1090 pull-type mower conditioner. Winners will take delivery of their Hesston product from the Hesston dealership where they entered the contest.

The winners were announced during the telecast of the final championship performance of the 1978 National Finals Rodeo sponsored by Hesston and their participating dealers.

Hesston Corporation, manufacturers of farm equipment, sponsored the national contest in which farmers and ranchers competed only against entries from the same Hesston branch area in the U.S. Hesston has four U.S branches located at Denver, CO., Kansas City, KS., Minneapolis, MN., and Indianapolis, IN.

Ag statistics book available

WASHINGTON, D.C. - The U.S. Department of Agriculture has released "Agricultural Statistics, 1978". Published annually since 1936, the yearbook provides up-to-date information on agricultural production, prices, supplies, consumption, costs and income.

Issued by the Department's Economics, Statistics and Cooperatives Service, the yearbook contains over 600 pages and brings together statistical series that appear in other department publications. The handy reference book also includes data on stabilization and price support programs, soil conservation practices, consumer food programs and electrification and telephone loans.

For a copy of "Agricultural Statistics, 1978" sent $6 to the Superintendent of Documents, U.S. Government Printing Office, Washingtn, D.C., 20402. Make check payable to "Superintendent of Documents." Please include your zip code with your address.

Davidsburg 4-H Club meets

DAVIDSBURG - The December meeting of the Davidsburg 4-H Club was held on the 21st at the 4-H center. After a short business meeting conducted by president Sue Detter, people from the audience helped pantomine "The Night Before Christmas." Then the club played volleyball and was served refreshments.

The next meeting will be January 18, 1979 at the 4-H center. Projects for the new year will be explained.

Farmers want Constitution amended

DES PLAINES, Ill. - Farmer support for adoption of an amendment to the U.S. Constitution is among recommendations for 1979 policy of the American Farm Bureau Federation. It would require a balanced budget and "an orderly reduction of the federal debt."

The organization's resolutions committee, consisting of state Farm Bureau presidents, Women's chairman, and Young Farmer and Rancher chairman met four days near Chicago. The recommendations will be considered by the voting delegates at the AFBF annual meeting in Miami Beach, January 14-18.

The farm leaders asked for continuing diplomatic relations with Taiwan. While stressing the need to maintain a moral commitment to Taiwan, the farm leaders noted that mainland China with its 800 million people represents a tremendous potential market for U.S. goods, including farm products.

On national farm policy, the committee said, "We believe a market-oriented agriculture is the most efficient means of producing food and fiber and provides farmers with the greatest opportunity for economic well-being..."

"Government programs should be carefully designed and implemented to avoid conditions which are self-perpetuating, to enhance our competitive position in world markets and to avoid undue interference with market-directed adjustments in production and marketing," the committee added.

Foreign investment in the United States was another major concern. The committee called for ending preferential tax treatment of foreign investments in farmland; legislation to subject foreigners to capital gains tax on U.S. farmland sales; implementation of 1978 legislation requring the reporting of foreign investment in U.S. farmland; consideration of legislative restrictions or regulations of foreign ownership of U.S. farmland; and a study of the effect of foreign investment in U.S. banking, insurance and other business institutions.

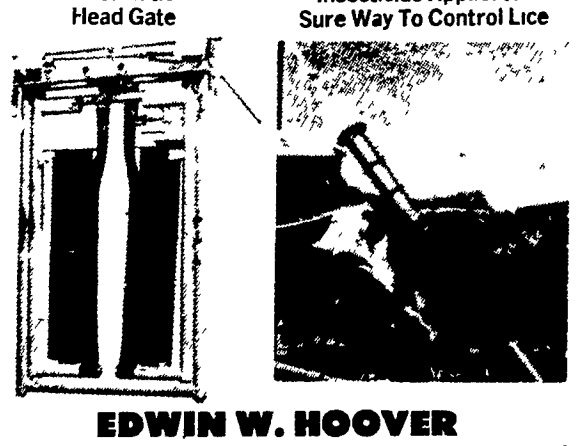
Pa. hogs and pigs on farms up 4%

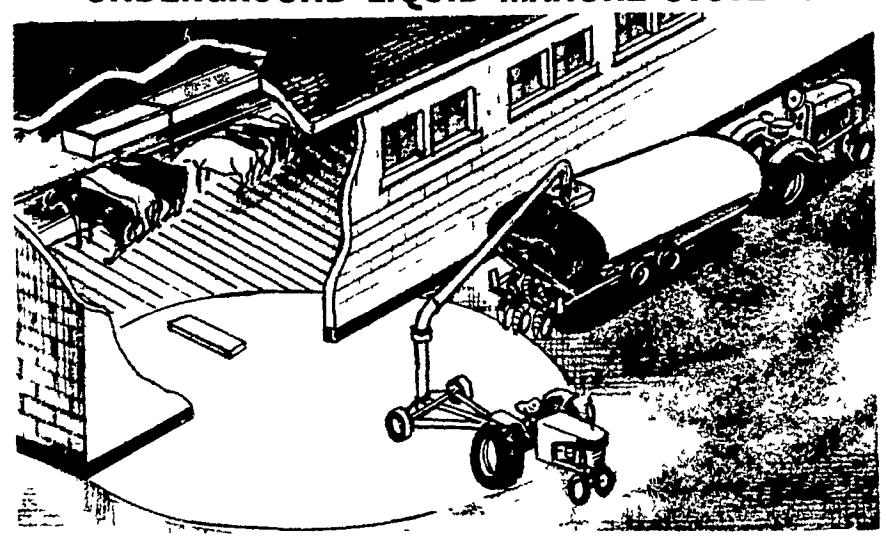
HARRISBURG - On December 1, 1978, there were 820,000 hogs and pigs on 19,000 Pennsylvania hog farms, up four per cent or 30,000 from a year earlier, according to the Pennsylvania Crop Reporting Service. Total inventory value at $64,780,000 was up 45 per cent.

Breeding stock on hand at 115,000 was up 25 per cent over a year ago. Market hog numbers at 705,000 were up one per cent. The Spring (December-May) pig crop for 1978 totaled 453,000, down 14 per cent from the 1977 Spring crop. The 62,000 sows farrowed produced an average of 7.3 pigs per litter. The Fall (June-November) pig crop was 526,000 pigs, up eight per cent from a year ago. There were 72,000 sows farrowed averaging 7.3 pigs per litter. Spring 1979 farowing intentions at 80,000 sows if realized will be up 29 per cent from 1978 Spring farrowings.

Nationally, inventory of hogs and pigs is estimated at 59.9 million head on December 1, 1978. This is six per cent above a year earlier, nine per cent more than December 1, 1976 and the largest December 1 inventory since 1974. Breeding inventory at 9.56 million is up 11 per cent from a year ago and 19 per cent above two years ago. Market hog inventory at 50.3 million is five per cent above last year and seven per cent more than December 1, 1976.

HIGH PRESSURE WASHING
OF POULTRY HOUSES AND VEAL PENS
BARRY L. HERR
1744 Pioneer Road, Lancaster, Pa.
Phone: 717-464-2044

TOX-O-WIK
Automatic Head Gate
Insecticide Applicator Sure Way To Control Lice

EDWIN W. HOOVER
R.D #1, Ephrata, PA 717-733-8313
SALES & REPAIR

UNDERGROUND LIQUID MANURE SYSTEMS

* Eliminate manure stacks for cleaner and neater appearance
* Eliminates breeding places for flies and insects.
* Eliminates odor with underground manure storage
Above ground systems also available ASCS APPROVED
MAR-ALLEN CONCRETE PRODUCTS INC.
RD1, EPHRATA, PA 17522 PHONE: 717-733-9404

Future research benefits won't come easy

By JERRY WEBB
University of Delaware

NEWARK, Del. - merican consumers are ing to have to be willing to end more money on basic gricultural research if they xpect to keep eating expensive food. That's the eling of a lot of gricultural scientists ound the country. They y the basic need is to speed the rate at which new nowledge is being enerated so that gricultural growth can ep pace with population ins.

Granted, these gricultural researchers ve their own bias. They elieve in agricultural esearch and they think ore of it should be done. aybe there's a thread of elf-preservation in their lan, but they make a fairly rong point in favor of more esearch.

Agriculture has made reat strides over the last alf century. Most of this as accomplished through he discovery of new agricultural knowledge and the application of that knowledge. During that period, the researchers say new agricultural knowledge was being generated faster than it was being used. So, in the 1950's and 60's there was a vast technological reservoir available for use. As a result, farm production increased by leaps and bounds between 1950 and 1970. Consider these facts. Corn yields, which had fluctuated around 20 bushels per acre for a century or more, shot up to more than 80 bushels per acre on the average. Milk yields increased by half; red meat yields in hogs rose 11 percent. Feed efficiency in broilers increased 18 percent.

But the agricultural researchers feel strongly that the reservoir is running dry, that during the 1970's increased production has come from expanded acreage rather than increased yields. And with an increasing population and a shrinking land base, that option won't solve America's food problems forever.

The researchers believe the easy work has been done, that in the future agricultural breakthroughs will require more time, more effort and more money. But sadly the trend has been in the other direction. In recent years there's been a decline in the resources devoted to agricultural research. Inflation has caused an erosion of facilities and financial support and there's been an actual reduction in agricultural research manpower. Along with that reduction has come the added burden of meeting the enviornmental and regulatory concerns surrounding agriculture.

One group of agricultural scientists has documented its loss of capacity this way. Between 1970 and 1977 the state agricultural experiment stations throughout the country had a net loss of 193 scientists. In addition, 350 scientists, or the positions of that many scientists, had to be reassigned to meet new and urgent environmental, regulatory and food safety concerns involving agriculture. This means that the equivalent of 543 agricultural scientists across the nation are not doing the research that they used to be doing. Important research in genetics, physiology, nutrition, fertility–research that may soon be desperately needed to meet increased food demands. Research that is time-consuming, expensive, but very necessary.

Agricultural researchers look back at the development of hybrid corn and what it has meant to our food-producing capacity and they warn that such a dramatic development won't be forthcoming. We may wish for that kind of magic, but it just isn't there. The research accomplishments of the future will be hard to come by, relatively expensive and yet totally necessary. They say consumer activists, political leaders, and humanists throughout the country must realize the importance of basic agricultural research and the urgency with which it must be pursued.

Right now there seems to be time to proceed in an orderly fashion toward a stepped-up agricultural research effort. But when an expanding population and a shrinking land base crash into one another there may not be time to mount a basic food production research effort.

GARBER OIL CO.
TEXACO
Fuel Chief
HEATING OIL
& OIL HEATING EQUIPMENT
AIR CONDITIONING
MOUNT JOY, PA
Ph. 653-1821

P.H.I.A. claims bad roads boost driving expenses by 41 per cent

HARRISBURG - As another cold Winter approaches, we will all feel hundreds of jarring reminders of PennDOT's empty wallet, says the Pennsylvania Highway Information Association.

Hazardous road conditions in Pennsylvania are a major cause for an average of 72,000 accidents each year. These conditions are boosting the costs of operating our cars by some 41 per cent and embarrassing Pennsylvania before the rest of the nation. Meanwhile, our highway program has come to a standstill, P.H.I.A. claims.

A year ago, The Road Information Program in Washington issued a research report saying that if 25,000 miles of Pennsylvania's 45,000 mile network of roads are not resurfaced during the next four years, they will become so deteriorated that they will have to be rebuilt from the ground up, at four and one-half times the cost of resurfacing - or a difference of $11.2 billion. Due to the lack of money, we've used up one of those four years doing little about the problem, P.H.I.A. continues.

Legislation was introduced in the General Assembly last June to attempt to deal with the complex isue of funding road renewal and bridge repair needs. It included an indepth management study and overhaul of PennDOT; an annual year-end "report-card" comparing PennDOT's accomplishments with its promises; and a 3½ cents per gallon gas tax increase (which would have provided some $210 million in additional revenues).

Maybe this legislation would have solved our highway problem, and maybe it would not. But the proposals died when the Legislature adjourned, having never even come out of committee to reach the House floor for debate, says P.H.I.A.

With the number of pressing matters on the Legislative calendar, all vying for limited time for discussion and action, we, the citizens of Pennsylvania, share the blame for inaction because we failed to give our legislators a clear mandate for action, spokesmen at the Association say.

Since the Legislature failed to act on this urgent matter, which affects nearly seven million Pennsylvania drivers, we will enter another winter of potholes and broken pavement - and broken shock absorbers, weakened springs and torn-up tires, P.H.I.A. predicts.

When the 1979 General Assembly convenes in January, Pennsylvanians must make it clear to them that they expect Pennsylvania's road crisis to be dealt with promptly, and that they will settle for nothing less than a complete and responsible solution, spokesmen at the Harrisburg-based organization conclude.

Energy use in Pennsylvania approaches President's goals

UNIVERSITY PARK - Pennsylvania's use of different energy sources is quite a bit closer to President Carter's goals for increased use of coal and nuclear energy than the national average, according to Dr. John R. Daugherty of The Pennsylvania State University.

Following three years of analyzing the energy situation, Dr. Daugherty said coal makes up 45 per cent of the energy used in the Commonwealth, considerably ahead of the President's national goal of 29 per cent energy from coal by the year 1985. Presently, coal supplies only 18 per cent of the nation's energy.

As for nuclear power, Pennsylvania now received 4 per cent of its energy from this source, compared to 1 per cent nationally. President Carter's goal for power from nuclear energy is 8 per cent by 1985.

Dr. Daugherty indicated the President's goals call for energy produced from natural gas and oil to decline relative to other energy sources. Over the last five years, the sources of U.S. energy have been shifting, with an increased use of oil, coal, and nuclear energy and a relatively decreased use of natural gas and hydroelectric power.

Associated with the College of Agriculture at Penn State, Dr. Daugherty is a teacher-administrator in the environmental resource management program.

"In the future, because of the President's emphasis and projected increases in costs of energy, alternative sources such as geothermal and solar energy may begin to appear on supply charts," Dr. Daugherty predicted.

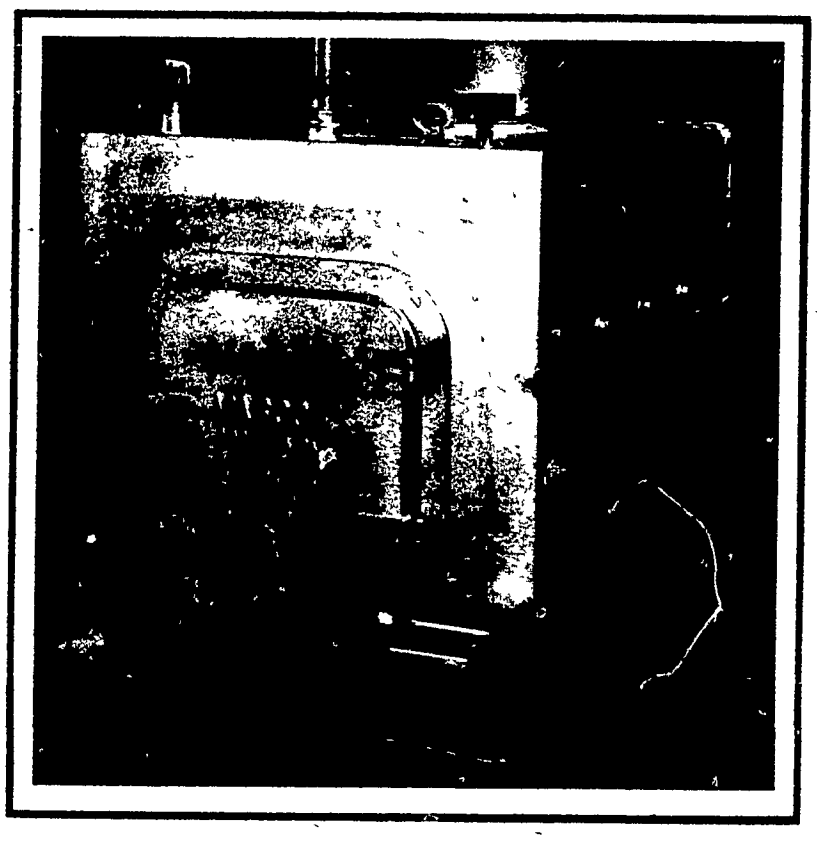
And he claimed that waste heat from nuclear power plants and other types of facilities is used in several locations for space and water heating, called district heating, or as industrial steam or hot water. He believes these examples of centralized heating - using one industry's waste heat as another industry's heat source (called cogeneration) - may lead to more widespread use of such total energy systems.

No shift for USDA

Office of Management and Budget's (OMB) Harrison Wellford has announced that his office will "not be recommending" any shift of food programs from FDA to USDA. He admitted that an early option paper from one of his reorganization projects had recommended the transfer of FDA's Bureau of Foods to USDA, but he stated that this approach had definitely been abandoned.

The move to switch FDA's food responsibilities as well as nutrition activities of HEW to USDA reportedly has gotten strong support from Esther Peterson and her deputy, Rod Leonard. However, Wellford suggested that [illegible] would probably wind [illegible] recommending bet[illegible]ays of coordinating fo[illegible] programs between FDA and USDA

WOOD FIRED
HOT WATER BOILER



CAN BE CONNECTED TO YOUR EXISTING HOT WATER BOILER

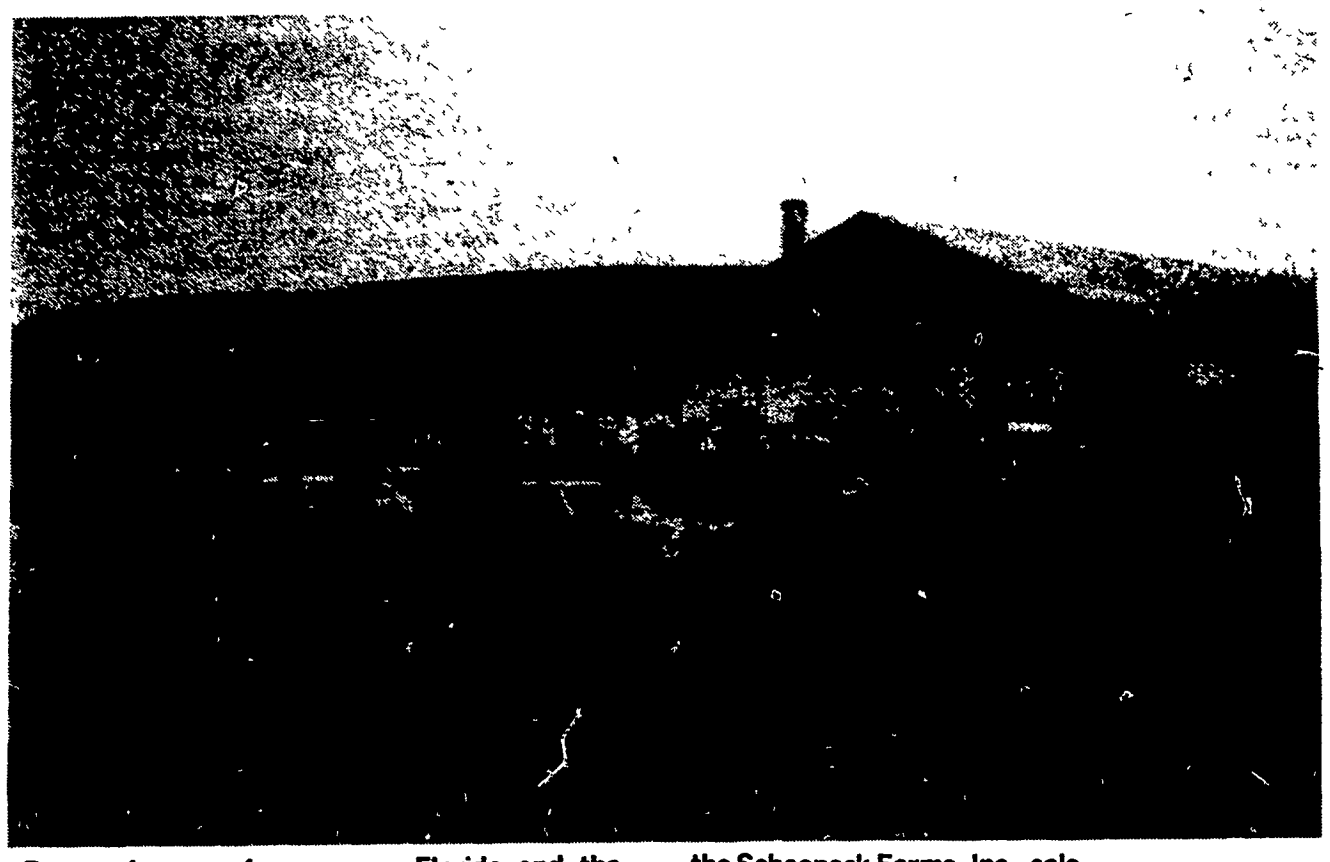
FEATURES:
- Fire Brick Lined
- 12 Gallon Water Capacity
- Designed To Heat The Average Size Home
- 24 Volt Automatic Draft Control (110 Volt Available)
- One Quarter Inch Boiler Plate Steel Construction
- Cast Iron Door And Frame

HIESTAND DISTRIBUTORS
Your One-Stop Wood Burning Center
1830 S. State St., East Petersburg, PA
Phone: 717-569-7397

CREUTZBURG, INC.
QUALITY LIVESTOCK SUPPLIES
★ OPEN DAILY - 8:00 TO 5:00
SATURDAY - 8:00 TO 12:00 ★
OWNER: HARRY E. LANDIS
ALL PRODUCTS AVAILABLE BY MAIL

Send For FREE Catalog
CREUTZBURG, INC.
Lincoln Highway East, Box 7, Paradise, Pa. 17562
(717) 768-7181

NAME _____
STREET _____
CITY _____
STATE _____ ZIP _____



Buyers from as far away as Florida and the Midwest inspected and purchased equipment at the Schoeneck Farms, Inc., sale.

Largest Northeast equipment sale brings in 760 buyers from 12 states

MACUNGIE — What is believed to have been the largest single farm sale ever to be held in the northeastern United States took place near here Dec. 19 when more than $400,000 worth of used farm equipment went up for auction. The sale was conducted for Schoeneck Farms, Inc., which is presently undergoing reorganization due to financial difficulties. The Vilsmeier Auction Co., Inc. of Montgomeryville executed the sale.

Much of the organization and planning for the sale, however, was done by a young Lebanon Countian, David M. Wenger, who has had considerable sales experiences at his father's firm, Wenger Farm Machinery, Inc. of Myerstown. The Vilsmeier firm specializes in construction equipment and trucks and therefore called on Wenger to lend his expertise in farm equipment. A member of the ELCO FFA Chapter, the young man will be receiving his Keystone Farmer Degree at the Pennsylvania Farm Show next month.

Termed a bankruptcy-cecured party sale, the event attracted an estimated 3000 people, of which 760 were registered buyers. They came from 12 states - as far away as Ohio, Florida, Illinois, West Virginia, New York, Connecticut, Virginia, New Jersey, and Nebraska, records showed.

Schoeneck Farms, Inc. has in past years farmed as much as 6000 acres. Currently they have 4500 acres under lease for the next five years. They'll be specializing in dehydrating alfalfa, **Lancaster Farming** was told.

Schoeneck Farms is reorganizing in order to increase its cash position. Stockholders of the vast agricultural enterprise hope to realize a complete turnaround as a result of the sale. A total of 750 lots of machinery were sold. Of the $400,000 taken in by the sale, roughly a third went to the account of the International Harvester Co., says Walter Vilsmeier.

Among the items that were featured were late model farm machinery, dump trucks, dump trailers, shop and office equipment, parts and supplies. Some of the higher prices were brought by an International Harvester Model 4366 articulated turbo-charged diesel tractor, which sold for $19,500; another 4366 tractor that went for $15,250; and a 4166 IH tractor which received a high bid of $13,750.

An entire fleet of trucks, as well as rows and rows of farm equipment, were sold at the Macungie, Lehigh County, sale.

Pa. Winter wheat forecast up 4%

HARRISBURG - Based on December 1 conditions, Pennsylvania's 1979 Winter wheat crop is forecast at 8,370,000 bushels, four per cent more than in 1978 according to the Pennsylvania Crop Reporting Service.

Total acreage seeded for the 1979 crop is 270,000 acres, a six per cent increase from last year. Total acreage seeded for the 1979 rye crop is 70,000 acres, eight per cent more than the 65,000 acres seeded in both 1978 and 1977.

Nationally, 51.5 million of Winter wheat was seeded in the Fall of 1978 for harvest in 1979. This is an increase of eight per cent from last year. Production of the 1979 crop, based on December 1 conditions, is forecast at 1.44 billion bushels, 15 per cent more than the 1978's 1.25 billion bushels harvested. Rye growers planted 3.08 million acres in the Fall of 1979, three per cent more than a year earlier.

See your nearest

SPERRY NEW HOLLAND

Dealer for Dependable Equipment and Dependable Service:

Airville, PA
Airville Farm Service
Airville, PA
717-862-3358

Alexandria, PA
Clapper Farm Equipment
R.D 1
814-669-4465

Annville, PA
B H.M. Farm Equipment, Inc
R D. 1
717-867-2211

Beavertown, PA
Ben H. Walter
Beavertown, PA
717-658-7024

Bernville, PA
Stanley A. Klopp, Inc.
Bernville, PA
215-488-1510

Biglerville, PA
Wolff Farm Supply Co.
Biglerville, PA
717-677-8144

Carlisle, PA
Paul Shovers, Inc
35 East Willow Street
717-243-2686

Catawissa, PA
Abraczinskas Farm
Equipment, Inc.
R.D. 1
717-356-7409

Chambersburg, PA
Clugston Implement, Inc.
R.D. 1
717-263-4103

Chester Springs, PA
Nevin N. Myer & Sons, Inc.
Chester Springs, PA
215-827-7414

Davidsburg, PA
George N. Gross, Inc.
R D. 2, Dover, PA
717-292-1673

Elizabethtown, PA
Messick Farm
Equipment, Inc.
2750 North Market St
717-367-1319

Factoryville, PA
Agronomics, Inc
R.D. 2
717-945-3933

Gettysburg, PA
Yingling Implements
R D. 9
717-359-4848

Halifax, PA
Sweigard Bros
R D 3, Box 13
717-896-3414

Hanover, PA
Sheets Bros , Inc
Carlisle Street
717-632-3660

Honey Brook, PA
Dependable Motor Co.
East Main Street
215-273-3131

Honey Grove, PA
Norman D. Clark & Son, Inc
Honey Grove, PA
717-734-3682

Hughesville, PA
Farnsworth Farm
Supplies, Inc.
103 Cemetery Street
717-584-2106

Lancaster, PA
L.H. Brubaker, Inc
350 Strasburg Pike
717-397-5179

Lebanon, PA
Evergreen Tractor Co , Inc
30 Evergreen Road
717-272-4641

Lititz, PA
Roy A Brubaker
700 Woodcrest Avenue
717-626-7766

Loysville, PA
Paul Shovers, Inc.
Loysville, PA
717-789-3117

Lynnport, PA
Kermit K. Kistler, Inc.
Lynnport, PA
215-298-3270

McEwensville, PA
Don's Service Shop
Box 97
717-538-1362

Mill Hall, PA
Paul A. Dotterer
R D. 1
717-726-3471

New Holland, PA
A.B.C. Groff, Inc.
110 South Railroad
717-354-4191

Orwigsburg, PA
Paul J. Eichert & Son
R.D. 1
717-943-2304

Palm, PA
Wentz Farm Supplies, Inc.
Rt. 29
215-679-7164

Pitman, PA
Marlin W. Schreffler
Pitman, PA
717-648-1120

Quarryville, PA
C.E. Wiley & Son, Inc.
101 South Lime Street
717-786-2895

Reedsville, PA
Big Valley Sales & Service, Inc
P.O. Box 548
717-667-3944

Ringtown, PA
Ringtown Farm Equipment
Ringtown, PA
717-889-3184

Silverdale, PA
I G.'s Ag Sales
Box 149
215-257-5135

Tamaqua, PA
Charles S Snyder, Inc
R.D. 3
717-386-5945

Waynesboro, PA
Blue Ridge Fruit Exchange, Inc
Waynesboro, PA
717-762-3117

West Chester, PA
M S Yearsley & Son
114-116 East Market Street
215-696-2990

West Grove, PA
S.G. Lewis & Son, Inc
R D. 2, Box 66
215-869-2214

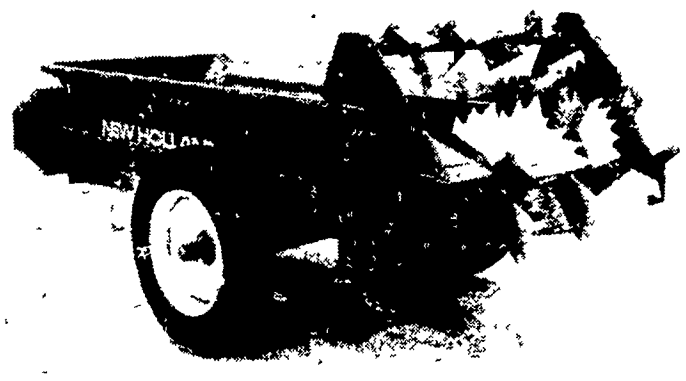
Churchville, MD
Walter G. Coale, Inc.
2849-53 Churchville Rd
301-734-7722

Rising Sun, MD
Ag.-Ind. Equipment Co., Inc
R D. 2, Route 273 East
301-398-6132
301-658-5568

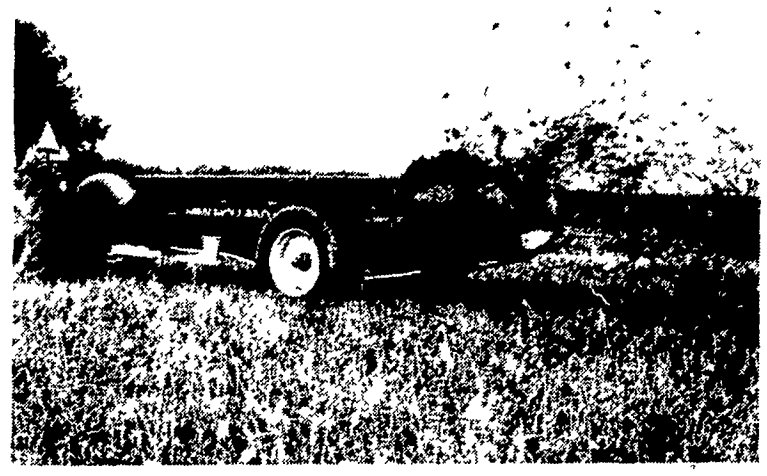
Woodstown, NJ
Owen Supply Co
Broad Street & East Avenue
609-769-0308

THE STRONG-BOXES

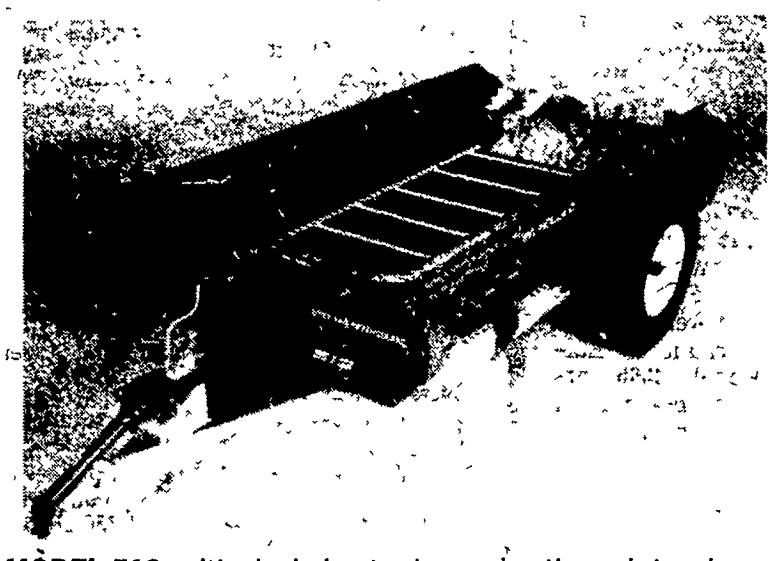
More farmers buy 'em than any other kind!



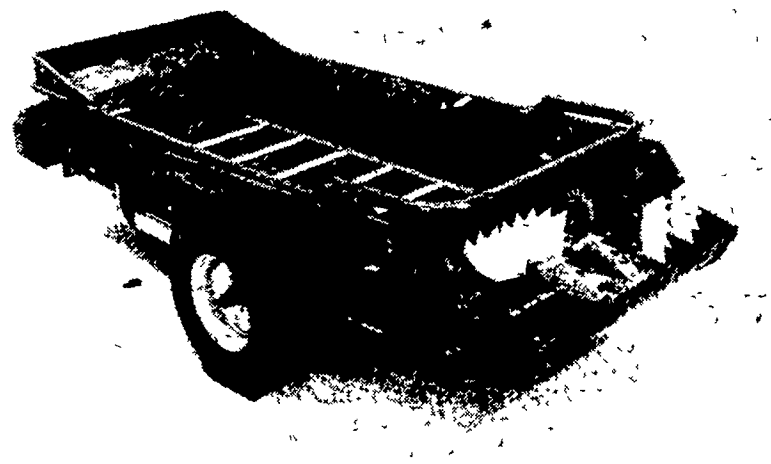
MODEL 213, shown with upper beater, does a fine job of topdressing. Capacity 139 cu. ft



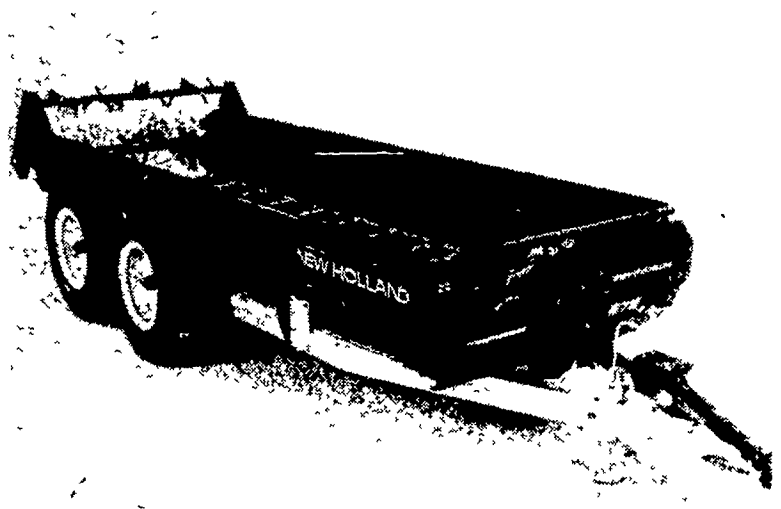
MODEL 328, shown with single beater, makes quick work of its 151 cu. ft. load. With upper beater, capacity is increased to 174 cu. ft.



MODEL 513, with single beater here, rips through tough, pen-packed loads. Single-beater capacity: 180 cu. ft. Double-beater capacity: 215 cu. ft.



MODEL 519, here equipped with hydraulic endgate, will spread either wet or dry manure without adjustment. Capacity 216 cu. ft. with single beater, 260 cu. ft. with double beater.



MODEL 679, shown with upper beater, lays down a fine, carpet-like top dressing. Capacity 340 cu. ft. with upper beater, 280 cu. ft. with single beater.

MODEL 791, with upper beater here, spreads its 419 cu. ft. load in less than two minutes. Single-beater capacity; 342 cu. ft.

FOR A DEMONSTRATION ON YOUR FARM, call your SPERRY NEW HOLLAND Dealer listed on the facing page.

SPERRY NEW HOLLAND

Hard-To-Hurt Sides Are Backed By Hard-To-Beat Guarantee!

Bonded Protection by Sperry New Holland gives you new sides free if they ever rust through while the rest of the spreader is still operational Applies to any owner, not just the original buyer.. Capacities from 108 to 358 bushels.

Mastitis still a problem plaguing farmers

SYRACUSE, N.Y. — Harvesting the "white gold" is the most important job on a dairy farm – but mastitis continues to rob dairymen of valuable milk production.

Mastitis occurs in all dairy herds. Surveys indicate about half of all dairy cows have mastitis in two or more quarters; such has been the case for the last 30 years. Only a few of these are clinical cases – the hot, swollen quarter, the lumpy, stringy milk, and the clogged milk filter. Anyone who has milked cows has seen this, but the real problem is subclinical mastitis — those cases with no visible symptoms.

Mastitis is a general term for an inflammation of the udder, caused by bacteria invading the udder through the teats. About 95 per cent of the cases result from infection by species of streptococcus and staphylococcus groups of bacteria, which produce toxins that damage or destroy the milk-searching cells.

A dairy cow has two lines of defense against these invaders: a sphincter muscle at the end of the teat that shuts out invaders, and special proteins in the streak canal that fight bacteria. After milking, however, the sphincter muscle is tired, and the bacteria-fighting proteins are reduced, often allowing the invaders to get into the udder.

Dipping teats immediately after milking with a safe, effective product is the most important single practice to prevent new infections. Teat-dipping does not cure existing infections; it does destroy bacteria left on teats after milking. Extensive studies in Louisiana have shown more than a 50 per cent reduction in new cases of mastitis when teats are dipped with effective products.

Teat dipping can reduce new infections, but what about those already present? Antibiotic treatment during lactation is usually necessary for clinical mastitis. But once again, clinical mastitis is only a small part of the mastitis picture. The best time to treat existing infections is during the dry period. Higher concentrations of antibiotics can be used and they can stay in the udder longer, since they are not being milked out. This is particularly important with the staphylococcus bacteria that are much more difficult to kill.

Some dairymen question whether they should treat all dry cows, or only those with known infections. The best recommendation is to treat all quarters of all dry cows, says Dr. Richard L. Goings, Marketing Manager Chemical Specialitics, Agway. This simplifies the management practice, but more importantly, about one-third of all infections start in the dry period, so new infections are reduced by treating all quarters. What do these two practices really accomplish? Actual field research has shown that teat-dipping and dry cow treatment reduced the level of mastitis by 50 per cent in one year. Over two to three years, such a program reduced infections by 75 to 80 per cent. When the measures were discontinued, infection rates returned to their original levels in one year.

Furthermore, a Cornell University field research project using 27 herds showed a net profit return of over $80 per cow with teat-dipping and dry cow treatment. Over a three-year period, the average percentage of infected quarters fell from 28 to 7 per cent. Clinical mastitis dropped by 40 per cent. Milk production increased 1,051 pounds per cow over the rate of increase of New York DHI herds for the same three-year period. For an investment of 1½ gallons of teat dip, four dry-cow antibiotic syringes and less than one hour/cow/year, the cooperating farmers got 1,051 pounds of better quality milk and a lot fewer headaches.

There are no miracle cures for mastitis. Subclinical mastitis is the most serious part of the problem. Unless one has access to somatic cell counts or run tests like the California Mastitis Test, it can be too easy to ignore the problem.

Certainly other factors also affect the mastitis problem – like milking equipment, function of the operator himself, feeding and unbalanced ration, sanitation, and housing, to name a few. But a farmer can benefit by using a post-milking teat dip and dry cow mastitis treatments. An ounce of prevention is worth a pound of cure.

Delaware farm income drops

NEWARK, Del. – Any way you look at it, 1977 was a lousy year for Delaware farmers. Between the drought, the bugs and the rising costs of production it was obviously not one of your better growing seasons, according to experts.

Now that all the figures are in, it's easier to assess the damage from that disastrous summer. here are a few of the highlights:

Net income received by Delaware farmers totaled $68.7 million in 1977 compared to $94.1 million a year earlier-a decline of 31.2 per cent.

Gross income totaled $261,101,000 compared to $278,639,000 in 1976.

Net income per Delaware farm averaged $19,084 - a 24.98 per cent drop from a year ago.

The 1977 corn yield averaged 56 bushels an acre compared to 88 bushels in 1976. (Thanks to good weather the 1978 average is a record-breaking 96 bushels.)

Production costs for Delaware farmers came to $206.4 million-nearly twice what they were in 1971.

This is the first major drop in receipts farmers in the State have experienced over the last ten years. Even so, thanks to income from the broiler industry, only Arizona, California, and Florida surpassed Delaware in net income per farm, reports Agricultural Economist Dr. Raymond C. Smith.

The severe drought of 1977 had a devastating effect on several crops, particularly corn. It had its greatest impact in Sussex County, where corn yields averaged 40 bushels per acre less than in 1976. More than half of Delaware's field corn is grown in this County-103,000 acres out of a total of 185,000. Kent county, with 51,000 acres of corn, experienced a yield decrease of 35 bushels an acre, while yields from New Castle County's 31,000 acres declined by only 3 bushels.

A combination of a decrease in acreage planted to corn, a lower farm price an lower yields resulted in a 38.9 per cent decrease in cash receipts for corn, compared to 1976.

The drought had only a small effect on the 1977 soybean yield. But a $1.11 per bushel drop in the farm price for beans resulted in a $4.1 million (14.22 per cent) decrease in cash receipts from soybeans, even though Delaware farmers increased their acreage of this crop by 20,000 acres.

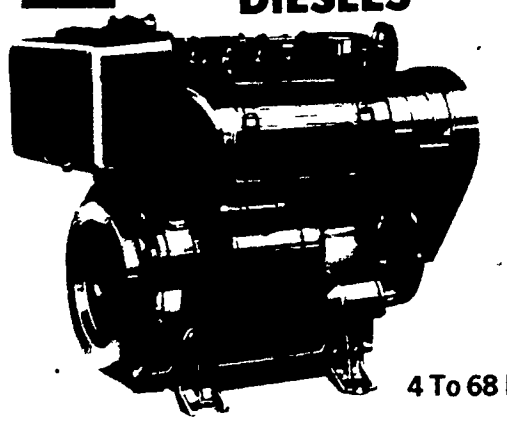
Among other crops, Smith reports that cash receipts from mushrooms and snap beans were up, while wheat and barley had substantial decreases. In the livestock area, turkeys had an increase while hogs and eggs both experienced drops in cash receipts.

The combination of lower gross income and higher production expenses put a tremendous squeeze on Delaware farmers last year. On a per-farm basis, gross income averaged $76,999, while production costs averaged $57,329. As a result, net income per farm-the returns a farmer has for capital, labor, and management-averaged $19,084, a 25 per cent decrease from 1976.

For a copy of Smith's report, which is published as a service by the Delaware Agricultural Experiment Station, contact your County Extension office in Newark, Dover or Georgetown. Or write MAIL ROOM, Agricultural Hall, University of Delaware, Newark, Del. 19711. Ask for the "1977 Delaware Farm Income" pamphlet.

When you have small pieces of left-over chicken, the National Broiler Council suggests freezing them in individual packets. Then, when you have accumulated about a pound, thaw the chicken and put the meat through a grinder to make croquettes. No need to waste a single bit of the bird.

HUSKER-BILT CONSTRUCTION CO
POLE STRUCTURES
• Farm
• Urban
• Commercial
THRIVE CENTER ENVIRONMENTAL BUILDINGS
• Gestation
• Farrowing
• Nursery/Finishing
For Information Write or Phone
MERVIN MILLER
Lititz, PA
Phone (717) 626-5204

AUTHORIZED DISTRIBUTOR FOR
LOMBARDINI DIESELS

4 To 68 H.P.
A FAIR PRICED DIESEL WITH 1 YEAR WARRANTY
IDEAL FOR MOUNTING ON EQUIPMENT
Let Us Know Your Service Problems.
HOOVER DIESEL SERVICE
PH: 717-656-6133
2998 West Newport Rd. Ronks, Pa. 17572
DEALER INQUIRIES INVITED

Boost your corn profits with UNIPEL® Starter Special 13-34-10.

This is the "corn popper" special the most imitated pop-up fertilizer on the market As part of a UNIPEL corn fertility program, it suits perfectly the young corn plant's immediate need for nutrients to develop a good root system – the starting point for top yields

Yet, it's also a complete fertilizer with these key nutrients available in each uniform UNIPEL pellet·

- quick-acting, non-volatile nitrate Nitrogen that starts feeding early, even in cool, wet, early-season soils,
- long-lasting ammonic Nitrogen that provides continued feeding through the growing season,
- both quick-acting and long-lasting Phosphorus to resist fixation, team with Nitrogen to become more efficient and feed plants for solid growth, help develop strong root systems,
- vital Potassium to help young plants build strong roots, tough and hardy stalks to resist the stress of weather, pests and disease

We recommend you see us for the details of a sound UNIPEL fertility program – using ORTHO Starter Special for top corn yields

Chevron ORTHO FERTILIZERS
Helping the World Grow Better®

P. L. ROHRER & BRO., INC.
SMOKETOWN, PA PH: 717-299-2571

TM s, ORTHO CHEVRON and design UNIPEL, Reg. U S Pat. Off CHV 578-81

Scientists find no link between meat eating and cancer

CHICAGO, Ill. - It seems logical that if you want to find out if diet is associated with the development of a disease, you should find out what people with that disease have been eating. That's the approach taken by researchers at Buffalo, N.Y., in a study which showed no increase in risk of colon or rectal cancer regardless of the amounts of a variety of meats consumed. The corollary finding was that risk of colon cancer increased with decreases in vegetable consumption.

The work was conducted by researchers at State University of New York and Roswell Park Memorial Institute. Patients with colon and rectal cancer were interviewed about their dietary habits, as were control groups of patients with other reasons for being in the hospital. Results were published in September 1978 issue of Journal of the National Cancer Institute.

Researchers also examined findings regarding type of fat used in cooking. Only one substantial difference found - suggestion of lower risk of colon cancer for individuals who had eaten food fried in lard over the 31 years. Also found higher risk for individuals eating salt applied during cooking and while eating.

The study challenged attempts to deduce findings regarding diet by comparing per capita consumption of various dietary items in specific nations with mortality for bowel cancer in those nations. While such studies generally show higher risk in nations consuming higher per capita amounts of meats and fats, it was observed such nations may share many other common characteristics - more advanced diagnostic techniques, diets that are also higher in refined carbohydrates, more industrial pollution, greater stress and tension.

Farm Credit Co-op Boards organize

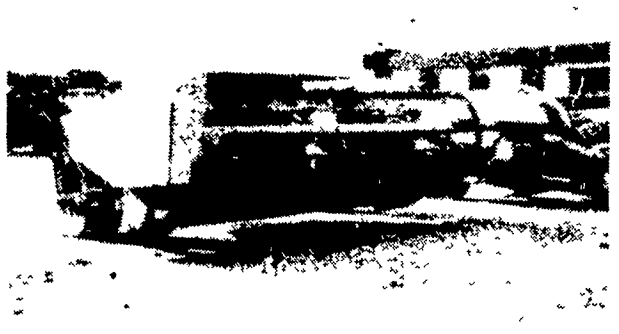
YORK – The Board of Directors of the Production Credit Association and the Federal Land Bank Association held their annual reorganizational meeting on December 12. New officers were elected for both associations.

Samuel S. Musser, Sr. of Shippensburg R3, was elected president to the Production Credit Association. Rolla E. Lehman II of Dillsburg R3, has been selected to serve as vice president.

The Federal Land Bank Association elected R. Eugene Blevins of Stewartstown R1 as their new president. Richard K. Smyser of York was named vice president to the Association.

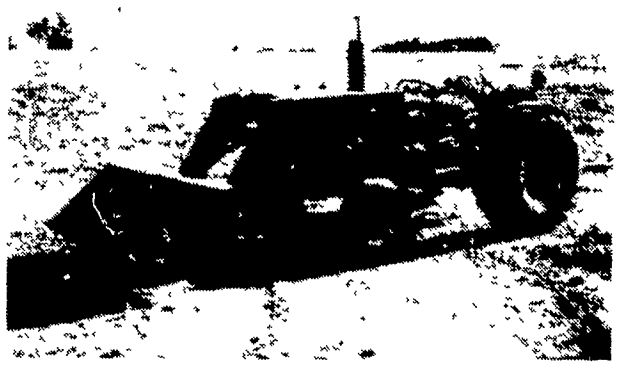
Year End SPECIALS

USED PLANTER
John Deere 7000, 4 row wide ..... $4,450.



USED HAYBINE
New Holland 479 ..... $2,750.

USED COMBINE
John Deere 55 Corn Soybean Special 12' Head ..... $9,700.



USED TRACTOR
John Deere 1520 Gas w/New 143 Loader ..... $6,250.

USED BALER SPECIALS

New Holland 67 Baler	$775.00
John Deere 14T	750.00
John Deere 14T w/ejector	450.00
John Deere 24T	950.00
John Deere 24T w/thrower	1,750 00
New Holland 275 w/thrower	2,350.00
NH 269 w/thrower	1,750.00

USED TRACTORS

MF 175 Diesel	$5,850 00

USED HARVESTER SPECIALS

NH 880 2 Row Narrow Row Head	$3,650.00
NH 717 Single Row Head, 9 Knife Cutter Bar	1,795.00
JD #12 w/single Row Head	150.00

USED TILLAGE SPECIALS

John Deere 4-16" Hyd Reset Three Point	$1,850.00
Ford 4-18" Semi-Mount Spring Reset	2,450.00
MF 720 Disk Harrow, 28 Blade, 26" Blades w/hyd cylinder	3,950.00

MISCELLANEOUS

New Set 18 4x30 Snap on Duals w/New Goodyear 6 Ply Tires	$1,050.00
3 pt Hitch for 630 tractor	400.00
Used Cab for 2630 tractor	950.00

USED COMBINE SPECIALS

AC - C w/4 Row Corn Head 14' Platform	6,750.00
Cockshutt 427 w/Power Steering & 10' Platform	1,450.00
MF 410 Diesel w/cab, 13' platform, 3 row N R corn head	8,250.00
AC Model E w/10' platform pickup reel, 2 row corn head, real clean	5,750.00

USED GRAIN DRILLS

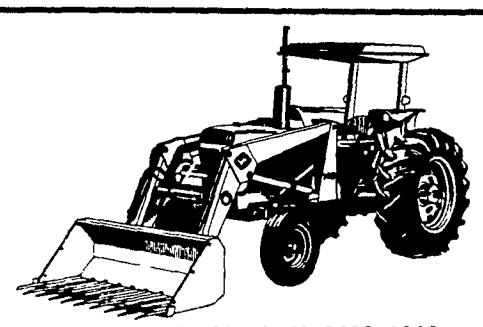
John Deere 17 x 7	$750.00
Co-op 15x7 Fert Grain Drill w/grass seed attach	750.00
MF 21x7 Plain	1,650.00

USED PLANTER SPECIALS

Tag 11650 John Deere 1250 - 6 Row Plateless	$2,350.00
11941 John Deere 494A - 4 Row	650.00
11934 John Deere 494A - 4 Row	950.00

The Most Powerful Loader Designed for John Deere Utility Tractors *

The 146 Loader ... designed to deliver 2500 pounds of lift capacity. Double-acting twin boom and bucket cylinders and parking stand are standard. Let us help you put a 146 Loader to work for you!



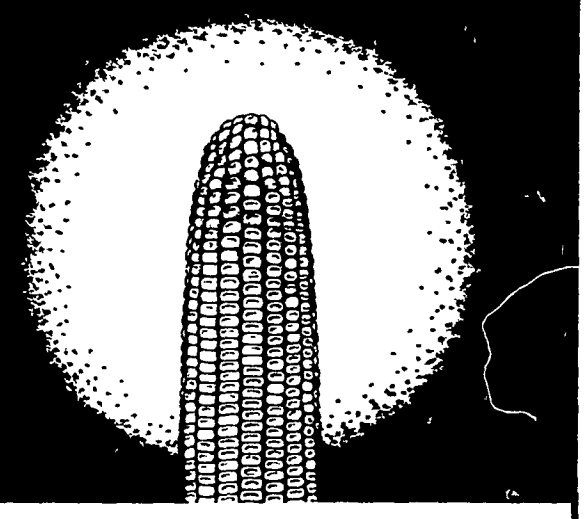
*2020, 2030, 2440, 2630, 2640 (1830, 2120, 2130 in Canada)

SPECIAL
146 Loader with 60" Bucket $1,650.00

To save you time and money, let our parts department ship your parts by United Parcel Service.

JOHN DEERE
[illegible]
30 EVERGREEN RD., LEBANON, PA 17042, PHONE (717) 272-4641

Cargill's Hot Ones are here.



And these Dealers have 'em for you.

Eugene Ulmer
R D #1 Box 137
Montoursville, PA 17754

Conv[illegible]h & Sons
R D #3 Box 17
New Oxford, PA 17350

Ag Services
R D #7
Gettysburg, PA 17325

Nelson L. Rohrer
1165 Hunsecker Road
Lancaster, PA 17601

Marlin Brubaker
R D #3 Box 727
Halifax, PA 17032

Samuel W. Musser, Jr.
R D #3
Shippensburg, PA 17257

Royster Company
500 Running Pump Road
Lancaster, PA 17601

Brown & Rea, Inc.
Box 248
Atglen, PA 19310

Ben K Stoltzfus
Hollander Road R D #1
Gordonville, PA 17529

Somerset Farmers Supply
Somerset, PA 15557

Chester H. Soltys, Jr.
876 New Schuylkill Road
Spring City, PA 19475

Howard L. Furches
R D. #1 Box 332
Peach Bottom, PA 17563

Henry F. Barley
R D #2
Lancaster, PA 17603

Lester Herren
R D #1
York Springs, PA 17372

Northampton Seed Co.
Box 51
Bath, PA 18014

John M. Harnish
1036 Beaver Valley Pike
Lancaster, PA 17602

Three M Farm Service
15011 Marlboro Pike
Upper Marlboro, MD 20870

Martins Elevator, Inc.
R D #6 Box 348
Hagerstown, MD 21740

John M. Gehman
R D #1 Box 11A
Kinzer, PA 17535

CARGILL SEEDS
Burt Lamens - Sales Manager
Office 717-426-1961
Home 717-362-9033

Jay Bomgardner, Anville R3, exhibited the grand champion baby beef, December 27, at the Lebanon County 4-H baby beef and market hog round-up. Jay's 1265 pound Angus-Simmental-Hereford cross steer sold to the Lebanon Valley National Bank for $1.06 per pound.

Tom Arnold, Lebanon R7, showed the reserve champion baby beef at th Lebanon County 4-H baby beef and market hog round-up. His cross bre Charolais weighed 1095 pounds and sold to Henry Arnold for 85 cents pe pound. Tom was also the grand champion swine showman and fitter, along wit being selected reserve champion in the beef fitting and showmanship contest.

Bomgardner sweeps 4-H round-up

(Continued from Page 1)

class. The steer later sold to MnL Hotel, Hershey, at 68 cents per pound.

Hatfield Packing Company, Hatfield, was the top bidder on Jay's 214 pound champion market hog. The hog brought $2 per pound for a total of $428.

Jay was also selected as the champion showman and fitter of the beef show.

This is Jay's last year with the Lebanon County 4-H Livestock Club. He is also a member of the Annville-Cleona FFA Chapter. Jay works on his home farm, Blue Mt. View Farms, in partnership with his two older brothers.

Tom Arnold, 15, of Lebanon R7, showed the reserve champion steer. His steer was a cross bred Charolias that Tom said he fed "corn cob chop and some hay". Henry Arnold was the buyer of the 1095 pound steer. He paid 85 cents per pound.

A Yorkshire and Duroc breeder, Tom exhibited the reserve grand champion market hog of the show. His 252 pound Yorkshire-Duroc cross bred hog sold to Le Ann Yorkshires, Lebanon, for $1.50 per pound.

Tom, the son of Leon and Anne Arnold, also added the distinction of being champion showman and fitter of the market hog show, and also the reserve champion fitter and showman of the baby beef show.

Last year Tom showed the champion hog at the round-up. He has been a member of the Lebanon County 4-H Livestock Club for 6 years. He is also a member of the Lebanon FFA Chapter. Tom will be showing two bred gilts, a Duroc and Yorkshire at this year's Farm Show.

A Hereford-Charolais cross bred steer, raised from their own herd, was selected as the first place buddy steer of the round-up. Jed Hoffer, 18, sold his 1235 pounder to Wenger's Farm Machinery, Myerstown, for 61 cents per pound.

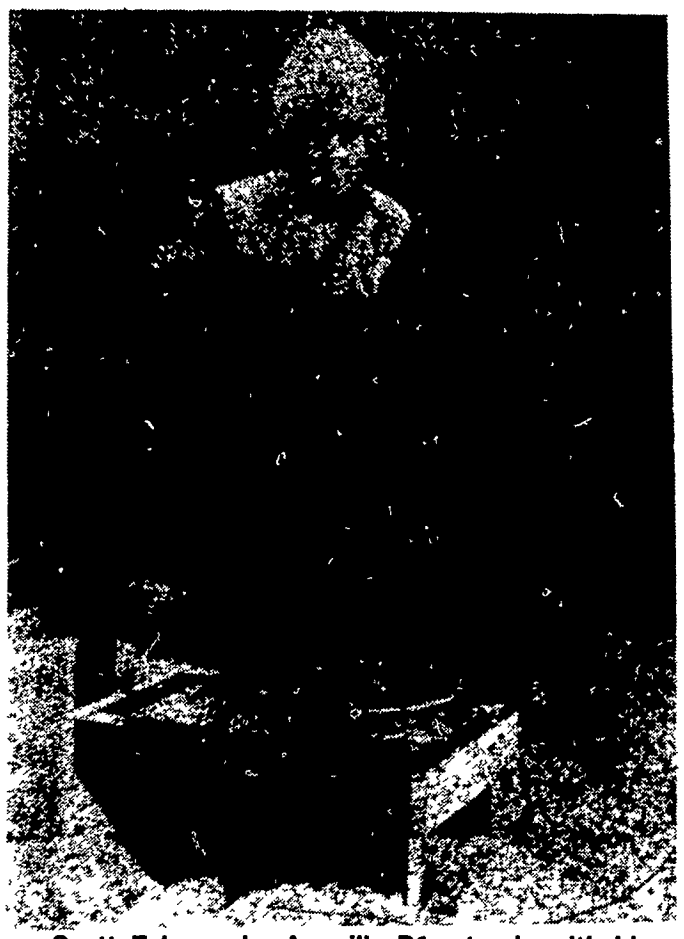
Jed, the son of Lester and Loa Hoffer, Lebanon R1, will also be exhibiting a medium-heavyweight Angus steer at the Farm Show. As a second year member of the Lebanon County 4-H Livestock Club, Jed says he feeds his steers calf feed. He also exercises them for the Farm Show "just about every day."

Judy Early, Lebanon, sold her 910 pound steer for 70 cents per pound to Henry Arnold. Wenger's Farm Machinery, Myerstown, was the top bidder on a steer owned by Terri Schaffer, Myerstown. Her 1325 pound steer sold for 63 cents per pound. Chris Patches sold his 1200 pound steer to Lebanon Agway for 71 cents per pound.

Wenger's Farm Machinery purchased Jed Hoffer's first place buddy steer. The 1235 pounder was top bidded at 61 cents per pound. Jay Bomgardner so his 1050 pound buddy steer MnL Hotel, Hershey, for cents per pound. Paul Mille Lebanon, got 64 cents p pound for his buddy ste which weighed 1150 pound Parise Frozen Food Palmyra, was the buye Donna Eberly of Newman town R1, sold her bud steer to Carlos Leffle Richland. The 1120 pound went for 65 cents. Wenger Farm Machinery was t high bidder on Judy Early 1050 pound steer, taking home for 66 cents a pound.

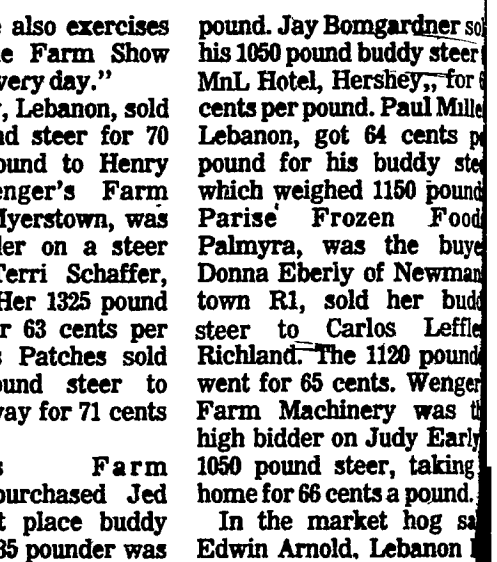
In the market hog sa Edwin Arnold, Lebanon

(Turn to Page 39)



Scott Eckenrode, Annville R1, stands with his two Duroc market hogs at the Lebanon County 4-H market hog show, December 27. Scott's two hogs were selected from the County to compete at Farm Show. The other exhibitor selected to show his hogs at Farm Show was Gary Mase of Lebanon (not shown in this picture).

Jed Hoffer, Lebanon R1, exhibited the first place buddy steer at the Lebanon County 4-H baby beef round-up. Wengers Farm Machinery, Myerstown, was the top bidder on the 1235 pound steer. The steer went for 61 cents per pound.

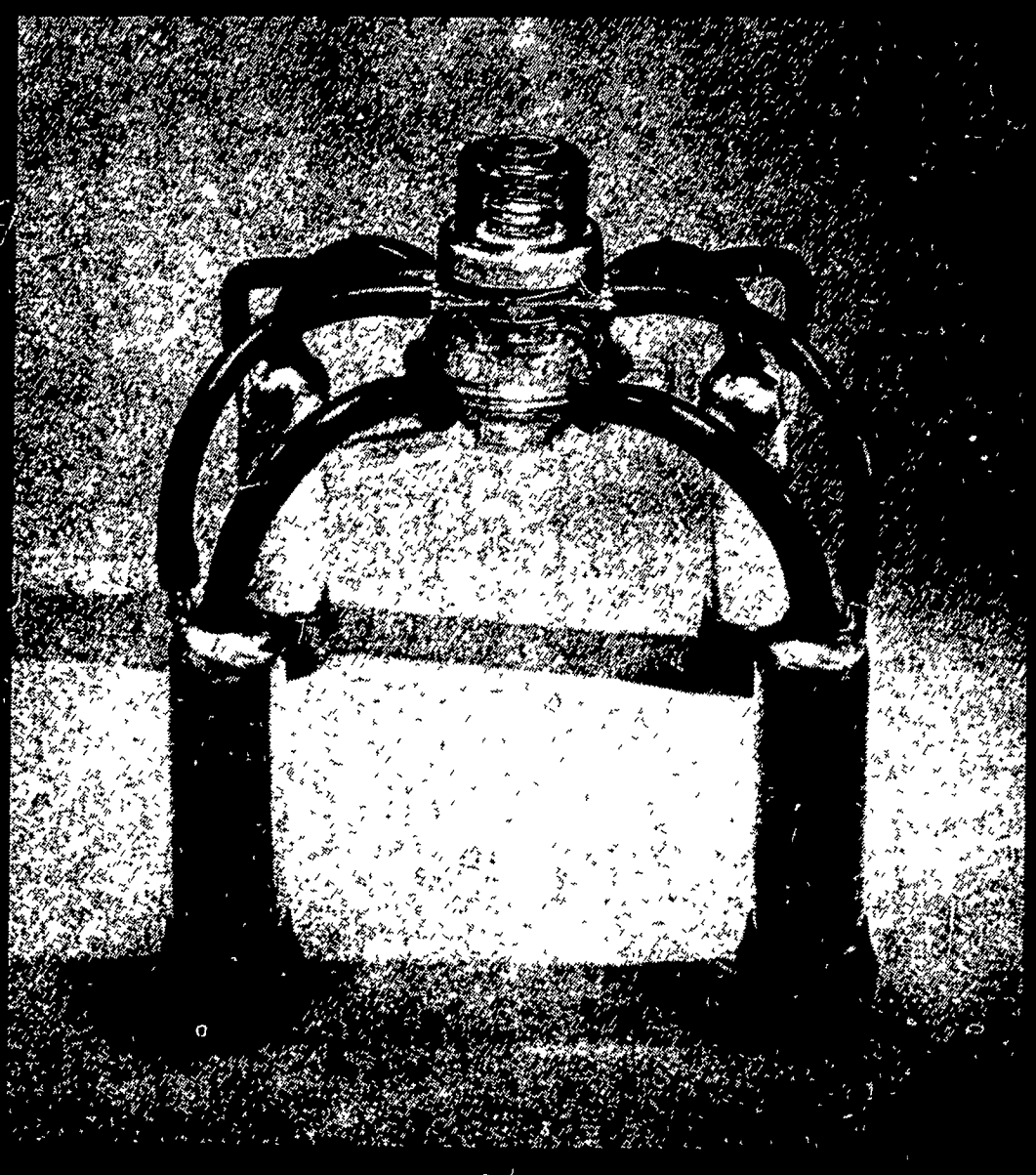
TERRE HILL SILO CO. INC.
TERRE HILL, PA. 17581
AUTHORIZED DEALER
PATZ
MATERIAL HANDLING EQUIPMENT
• Silo Unloaders
• Cattle Feeder & Conveyors
• Overhead Cattle Feeders
• Circular Feeders
• Material Movers & Conveyors
• Manure Spreaders
• Manure Stackers
• Slurry Manure Pump
• Gutter Cleaners
get the PATZ facts first
Manufacturers and Erectors of Terre Hill
TRI-RIB STAVE SILO

FOR OLD FASHIONED PRIDE OF WORKMANSHIP
★ SEE AND COMPARE THE PROVEN INTERIOR SILO FINISHES.
Serving The Farm Community For Over One-half Century.
CALL - TERRE HILL (215) 445-6736 or
SALESMAN - JAMES ESBENSHADE - 717-464-2090

BODMIN NU-PULSE

THE NON-CONVENTIONAL MILKER THAT CREATES ITS OWN MILKING STANDARDS

"YOUR COWS KNOW IT'S BETTER"

NEW MILKER



NEW MILKER

BODMIN NU-PULSE - THE SINGLE HOSE MILKER THAT HAS NO PULSATED VACUUM LINE

- ★ ELIMINATES FALL-OFF
- ★ HAS NO ELECTRICAL CONNECTIONS
- ★ REQUIRES LESS VACUUM
- ★ REDUCES PIPELINE COSTS UP TO 30%
- ★ DOES NOT FLOOD ON HIGH PRODUCERS
- ★ WORKS ON ALL SYSTEMS

HUNDREDS OF UNITS HAVE BEEN INSTALLED IN PENNSYLVANIA IN THIS PAST YEAR CONTACT US FOR THE NAME OF A LOCAL DAIRYMAN USING THE BODMIN NU-PULSE.

ON DISPLAY AT PA. FARM SHOW - BOOTH 511-512, 533-534

AVAILABLE THRU THE FOLLOWING DEALERS:

PENN VALLEY CROPSTORE, INC.
Schwenksville, PA
215-287-9650

DAVID LA BAR - CALVIN GUM
Wind Gap, PA
215-863-4557

DONALD B. UPPERMAN
Chambersburg, PA
717-264-6007

GRAHAM'S DAIRY SUPPLY
Greensburg, PA
412-834-3162
925-3897

HARLIN MARTIN
Troy, PA
717-297-3972

ALBERT BRENNER
Spartensburg, PA
814-654-7309

GLENN HOUCK
Spruce Creek, PA
814-632-9019

JAY L. RICHWINE
Mechanicsburg, PA
717-766-4382

SULT'S REFRIGERATION SERVICE
Gordonville, PA
717-768-8555

BYLER'S DIESEL REFRIGERATION SERVICE
Belleville, PA

SIMPLIFIED MILKING SYSTEMS
Nottingham, PA
301-398-2948

RICHARD BRACKENBURY
Stowe, VT
802-253-4515

RICHARD CHAPMAN
West Rutland, VT
802-438-5516

EDWARD COOPER
Kennedy, NY
716-267-3345

GARY ROES
Lowville, NY
315-396-3302

WIEDNERS, INC.
Somerset, PA
814-445-8921

R. C. HOUSER
Indiana, PA
412-479-8522

FARM SHOW SPECIAL COUPON

For Free Gift and Special Discount

Name _____

Phone _____

SIMPLIFIED MILKING SYSTEMS

BODMIN NU-PULSE - DISTRIBUTED BY SIMPLIFIED MILKING SYSTEMS LTD.

NOTTINGHAM, PA. 19362 **301-398-2948**

MANY CHOICE DEALER AREAS OPEN. CONTACT US AT THE FARM SHOW AND VISIT OUR HOSPITALITY ROOM AT THE HOST INN.

EPA restricts use of 14 pesticide ingredients

WASHINGTON, D.C. - Steven D. Jellinek, Environmental Protection Agency assistant administrator for toxic substances announced that 14 pesticide ingredients used in about 1000, mostly agricultural products, are being restricted for use only by trained and certified applicators.

The ingredients were designated "largely based on their acute toxicity and hazardous effects to humans and certain non-target species of mammals, birds, fish, and other wildlife." The ingredients are carbofuran, chlorfenvinphos, clonitralid, dioxathion, disulfoton, endosulfan, ethoprop, fenamiphos, fensulfothion, fonofos, monocrotophos, phorate, phosacetim, and phosphamidon.

Twenty-three pesticide ingredients representing approximately 2000 pesticide products were restricted for use only by trained and certified applicators earlier this year. "To date, some one and a half million private (mostly farmers) and 300,000 commercial applicators have been trained and certified through this program. This accounts for about 80 per cent of all the private and commercial applicators in the United States," Jellinek added.

Jellinek also noted that EPA is supporting a number of special investigations aimed at increasing the Agency's ability to predict and evaluate pesticide risks to farmers, farmworkers and others "...who for a variety of social and economic reasons are among the least likely to seek hospital or emergency room treatment following a pesticide poisoning."

"The potential for exposure grows in proportion to pesticide production and use," "..(which) has increased dramatically since the mid-1960's. ...Today, some 35,000 pesticides containing about 1,500 active ingredients are registered for use on the U.S. market. Production of pesticides in America grew from about a billion pounds in 1966 to 1.4 billion pounds in 1976... In 1976, the U.S. market for pesticides was $2.4 billion; it is expected to grow to $3.3 billion by 1984."

"The hazards of pesticides—especially chronic ones—are particularly hard to deal with," Jellinek concluded, "because of the degree of scientific uncertainity that surrounds many areas of the hazard assessment process. A pesticide accepted a decade ago as 'safe,' and perhaps hailed as a modern miracle, could pose a risk in light of what science tells us today."

By early next year, the EPA will also issue new rules requiring special child-resistant packaging for the most toxic household pesticide products.

Pesticide manufacturers will have up to two years to change the new packaging

$1.7 million in local grant and loans secured by rural coordinators

HARRISBURG - State Agriculture Secretary Kent Shelhamer announced that rural coordinators of the Agriculture Department's Bureau of Rural Affairs have assisted local governments and agencies in securing $1,729,400 in grants and loans.

According to Shelhamer, nine projects with a value of $739,400 have been acquired as full grants from federal agencies. A $990,000 community loan has also been acquired for the Newport (Perry County) Water Authority through the Farmers Home Administration.

The Department's rural coordinators have received instruction on sources of federal funding and methods for acquiring funds for local community agencies. Working with community agencies at no charge, the coordinators conduct research for sources of funds to assist in local projects.

When it appears that a local agency may qualify for a grant or loan, rural coordinators will work with the local agency to make application, provide technical assistance and follow the application through the funding channels.

Shelhamer said that he was quite pleased and proud that the State Agriculture Department had been able to help local governments defray the costs of needed projects and predicted even greater success with the program in the future.

Dinner set

LEOLA - The Leola Fire Company will hold their 12th Annual Family Style Pork and homemade Sauerkraut Dinner on New Years Day from 12:00 noon until 6:00 p.m. at the Leola War Memorial Building. Take outs are also available.

NOW! Before It's Too Late! Practice FARM SAFETY

4-Her's learn sign language and translate meeting for deaf youth

NEWARK, Del. - Members of the Green Clovers 4-H Club, Bear, have shared their 4-H knowledge with other youth that are deaf from the Margaret Sterck School for the Hearing Impaired in Newark. Several members from the club attended the Sterck School for special classes to learn sign language. Many of the members found that it was easy to learn and have become very skilled in signing. The next step was for the Green Clovers 4-H Club to invite members that attend Sterck School to join their local 4-H Club. The skilled 4-H'ers in the art of signing translate all the proceeding at the local club for the deaf members. This project certainly has been an inspiration to all members involved.

The Stump Corner 4-H Club, Townsend, has also been busy with community service projects. Activities this year have included raising money at a bake sale to buy an automatic coffee maker for the Townsend United Methodist Church.

For their Christmas project, the club chose to make Christmas decorations for the Scott Nursing Home in Smyrna. The club treated the patients with decorations, and also a Christmas party.

The club's local meeting had three paramedics from the New Castle Parademics team stationed in Odessa visit them. Members learned what to do in the case of cardiac arrest, blood loss and shock. The paramedic team also described the course of study needed for 4-H'ers interested in this type of work.

4-H horse club awards presented

MANHEIM - The Christmas party and meeting of the Boots and Saddles 4-H Club was held recently at the Farm and Home Center.

As a community project, the club will donate fifty dollars to the Easter Seals' Horsemanship for the Handicapped program. The club also collected canned foods to donate to a local children's home.

The year end awards were presented on a basis of the most points earned at the three club gymkhanas held on June 10, June 25, and Sept. 9. The results are as follows: Grooming and Showmanship, Jr. championship, Pam Sammons; reserve, Mike Spahn. Grooming and Showmanship, Sr.: champion, Lashon Bussell; reserve, Lori Sammons. Hunt Seat Equitation, Jr.: Pam Sammons, reserve, Suzy Evans. Hunt Seat Equitation, Sr.: champion, Lashon Bussell; reserve, Lori Sammons. Hunter under Saddle: champion, Lashon Bussell; reserve Pam Sammons. Barrel Race, Pony: champion, Sharon Snyder; reserve, Lori McLain. Barrel Race, Horse: champion, Sandy Hamilton; reserve, Karen Eberle. Pole Bending, Pony: champion, Sharon Snyder; reserve, Jessie Watts. Pole Bending, Horse: champion Sandy Hamilton; reserve, Karen Eberle.

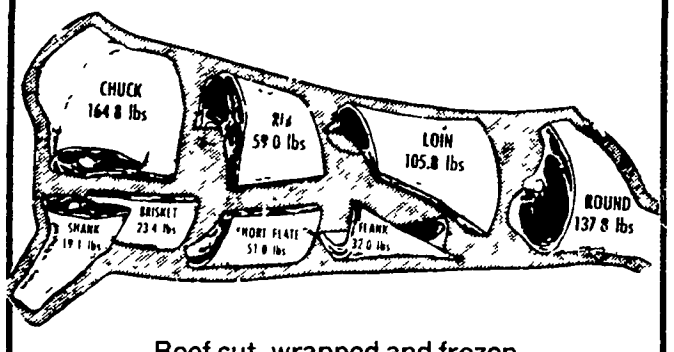
Scurry Race, Pony: Lori McLain; reserve, Rusty, Sharon Snyder. Scurry Race, Horse: champion, Sandy Hamilton; reserve, Lashon Bussell. Walk-Trot: champion, Nichole Brewer. Western Pleasure Pony under 12.2: champion, Lori McLain; reserve, Troy Hatfield. Western Pleasure Pony, 12.2 to 14.2: champion, Doug Fellenbaum; reserve, Ken Sherlaw. Western Pleasure Horse: champion Beth Harclerode; reserve, Pam Sammons. Western Equitation, Jr.: champion Pam Sammons; reserve, Eva Sherlaw, Valerie High. Western Equitation, Sr.: champion, Beth Harclerode; reserve, Doug Fellenbaum.

Western Riding: champion, Sandy Hamilton; reserve, Lori McLain. Walk-Jog: champion, Mike Spahn; reserve, Karen Cope. Pair Class: champions, Pam Sammons and Lori Sammons; reserve, Karen Eberle, Sandy Hamilton. Dollar Bareback: champion, Sandy Hamilton; reserve, Eva Sherlaw. Egg and Spoon: champion, Beth Harcelrode; reserve, Sandy Hamilton. Break and Out: champion, Beth Harclerode, Pam Sammons; reserve, Doug Fellenbaum. Trail Class, Pony: champion, Sharon Snyder; reserve, Eva Sherlaw. Trail Class, Horse: champion, Doug Fellenbaum; reserve, Lori Sammons.

MEMO
HAY, STRAW & EAR CORN SALE
EVERY MONDAY AT 11 A.M.
EVERY WEDNESDAY 12:00 NOON
NEW HOLLAND SALES STABLES, INC.
Phone 717-354-4341
Lloyd H. Kreider, Auct

YOUR FARM EQUIPMENT IS YOUR LIFE LINE
PUT ALL THE DIESEL PROBLEMS IN CAPABLE, RELIABLE HANDS AT
MILLER DIESEL INC.
Specializing in Diesel fuel injection pumps, injectors and turbochargers.
6030 Jonestown Rd. - Harrisburg, PA 17112
717-545-5931
Interstate 81 - Exit 26
Celebrating our 20th year in business.

DANIEL'S ENGINE CONTROL
Diesel Engine Repair & Rebuilding
Specializing in GM & Detroit Diesels.
ENGINES FOR SALE
8V 71T Detroit diesel 350 HP, rebuilt
471 Detroit Power unit w/clutch, rebuilt
1100 Massey Ferguson gas, fan to fly wheel
383 cu in Chrysler, power unit w/clutch
RD3 Ephrata, PA 17522
Ph: 717-733-3890

CUSTOM BUTCHERING
Hogs Processed the old fashioned way.
Sausage, pudding, scrapple.
Hams and Bacon cured.


Beef cut, wrapped and frozen.
Dried beef and bologna.
WE ALSO SPECIALIZE IN U.S.D.A. GRADED SIDES AND QUARTERS FOR HOME FREEZER
HESS' BUTCHER SHOP
Call (717) 464-3374

RADIAL SNOW TIRE BLITZ

FREE MOUNTING & BALANCING
VISA
HURST TIRE SERVICE
PHONE: (717)-354-4931
1 Mile West of Blue Ball On Rt 322
HOURS Mon and Fri - 7 30 to 9 00
Tues , Wed Thurs - 7 30 to 5 00, Closed Saturday

Are cattle numbers on a collision course with shortage?

By JERRY WEBB
University of Delaware

NEWARK, Del. - Consumers can look forward to a rough time at the meat counter in the months ahead. The signs are everywhere and the conclusion inevitable. Beef prices are going up. In fact, up quite drastically. And that's going to put pressure on other meat prices. The end result will be a much larger consumer meat bill and considerable consumer frustration.

T. A. Hieronymus, an Extension specialist in prices and outlook at the University of Illinois, says cattle numbers are on a collision course with shortage. He believes cattle producers, plagued by low prices in the past, have reduced herd sizes so much that there's no way they can turn it around quickly enough to avoid a shortage situation.

This is the fourth year in a row of rapid cattle liquidation. He says that if slaughters continue during the second half of '78 at the present rate the number of cattle as of January 1, 1979 would be only 109 million. That's an inventory about equal to the latter part of the 1960's. That may not sound too bad, but bear in mind there are a lot more people now and the demand for beef has increased tremendously.

Hieronymus sees the beef liquidation as a two dimensional problem. He says for years U.S. consumption of beef has exceeded production. Now farmers are liquidating inventories on the hoof and at the same time the production base is being reduced. Fewer cows means fewer calves; fewer calves eventually means less beef in the market.

Right now consumers are being misled by fairly abundant supplies. What they don't realize is that a lot of that beef in the meat cases comes from cows that under better farm price conditions would be out there raising calves. But after so many years of low cattle prices, farmers have been sending their cows to market. That means they are cutting back their potential for the future.

Eventually this whole beef supply thing starts to turn around. That's when farmers see enough potential in the marketplace and stop sending their cows to market and start increasing calf production. That will eventually mean more beef on the market. But it's a long term process. It takes several years for those cows to be replaced with other producing cows. And in the meantime, heifer calves that would normally go to slaughter will be held back as herd replacements and that will compound the shortage.

Hieronymus says the impact of decreased production on prices is uncertain. Prices will go higher, there's no doubt, but how much higher depends on consumer reaction to smaller supplies. He says if beef liquidation ceases in 1979 and consumers react as they have in the past, cattle prices will go to "quite high levels". He sees an increase of 25 per cent as not too surprising.

Another marketing expert views the impending beef shortage as a disaster for farmers. Dr. Max Brunk, of Cornell University, believes the high prices will cause such a consumer furor that price controls will be imposed on beef. He says these controls will be disasterous. But the shortage will requre political action and it will come in the form of some kind of controls.

Brunk, who has been a consultant to the livestock and meat industry for more than 20 years, says controls will come about because consumption of beef has steadily grown over the past 25 years and because consumers will probably force government intervention in the marketplace rather than cut back their own consumption of beef. Brunk further predicts that dissatisfaction with beef prices won't come from the consumer organizations. He's looking for a spontaneous effort from the consumers themselves.

No doubt beef producers will receive much abuse as meat prices spiral. But consumers must bear in mind that there are no government price controls in the livestock industry. Cattlemen have taken a tremendous beating for the past several years. Many have been forced to liquidate; others are heavily in debt. Any profits that come their way in the years ahead will be sorely needed and much deserved. And of course the price spread between the feedlot and the meat counter will bear watching.

A small effort has already been made to ease the beef shortage by allowing more Canadian beef to be marketed in the U.S. No doubt this alternative will come up again. Such efforts to cool off the cattlemen's prices could create another kind of spontaneous reactic on their part. They've bee through a lot and they fe like they deserve a period prosperity. They need highe cattle prices to pay off som bills and get back on firr footing. Any effort to mes with that opportunity going to be met with stron resistance by the cattlemen.

Boarding stable tips given

NEWARK, Del. - Boarding your horse may expose it to a wide variety of health hazards, warns Delaware Extension equine specialist Dr. C. Melvin Reitnour. When you choose a boarding stable, studying the available stables and their methods of operation can result in a healthier horse. And a healthy horse means more time spent enjoying the animal rather than being forced into repeated layups due to disease.

The following checklist gives a good idea of the health care you can expect for your horse at a boarding stable. Although you may not find a stable that meets all the requirements, the checklist should help you decide which stable provides the best environment for your horse.

* Does the stable have a veterinarian available in case of emergency?
* Are horse owners required to sign a release giving the stable permission to summon a veterinarian in case of sickness or injury?
* Does the stable require regular immunizations for all boarders?
* Is an isolation area provided for new animals?
* Is an annual negative EIA (Equine Infectious Anemia) test required, and a recent one needed for new arrivals?
* Are all owners required to worm their horses regularly–at least four times a year?
* Is regular hoof care a requirement?
* Are stalls, aisles and paddocks well-maintained and kept free of litter and protrusions which could injure a horse?
* Are adequate and realistic safety rules posted and strictly enforced?
* Is a regular feeding schedule maintained? Do other horses appear to be ir satisfactory condition?
* Are stalls cleaned and bedded regularly and is manure properly disposed of to reduce the fly population?
* Is there evidence that rats or other vermin–including birds–have access to feed supplies?
* Are horses checked between chore hours or monitored in some way?
* Does the stable list and maintain regular hours?
* Do knowledgeable personnel own and operate the stable in a professional manner?

Some of these items may seem picky at first, but they quickly become important when one of them is overlooked and a tragedy results. Granted, these services will cost more than turning a horse out in a barbed wire pasture with 20 other horses, but the results will be much more rewarding.

BEST WISHES FOR A HAPPY AND PROSPEROUS NEW YEAR
FROM
NORTHEAST AG DIVISIONS, INC.
(Your New Diamond Automation Distributor)

LARRY SCHREIER
President

DAN HAGY
General Manager

GLORIA CHMIEL
Office Manager

FOR COMPLETE:
SALES
SERVICE
INSTALLATION

VISIT WITH US AT
SOUTHEASTERN-DIAMOND
AUTOMATION BOOTH

14 GREENFIELD RD.
LANCASTER, PA 17602
(717) 291-2249
(717) 859-2285
After 5 P.M.

Weeds whipped economically with herbicide ropes

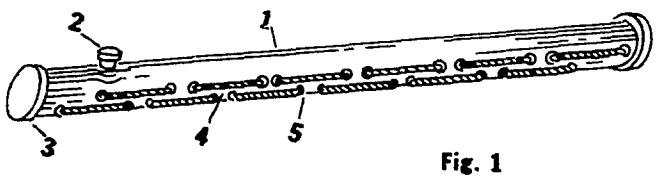


Fig. 1

The "rope-a-dope" weed weapon is explained as follows: Figure 1. External view of wick applicator showing the components assembled. Materials are as follows: 1) PVC-1120 3" SDR 160 PSI pipe, 2) capped fill spout-PVC, 3) end cap-PVC, 4) wicks of ½" dia. soft braided nylon marine rope such as Sears Roebuck Co. T6A V64146, 5) rubber bushing (for ½" knockouts), O.D. 1-1/32" I.D. ½", such as Rodale-Bell Electric Square D Co., Cat. No. 321.

ST. PAUL, Minn. – Ropes soaked in herbicides are whipping weeds safely and economically, much to the delight of farmers with tall weeds in soybeans, cotton and pastures.

The nylon rope applicators are about ½-inch thick and have a very loose weave.

"They work like a lamp wick, as the herbicides work through the rope and onto the weeds," say USDA scientists E. J. Peters and Jim Dale. They reported on their work with the applicators Dec. 6 at the North Central Weed Control conference in St. Paul.

"The rope drags over the weeds that stand taller than the farmer's crop. That way, only a small amount of herbicide is needed, there's no danger of herbicide drift. A farmer can use a chemical that would kill his crop if any other application technique was used."

Dale, plant pathologist for the Science and Education Administration's Agricultural Research Unit in Stoneville, Miss., devised the "rope-a-dope" technique which "is as effective as a circulating sprayer for controlling weeds and is much less expensive."

Peters, USDA-SEA research agronomist at the University of Missouri-Columbia, is "very pleased" about the way the technique works to control pasture weeds.

"Until now, many farmers were afraid to spray for fear of killing their legumes," Peters says. "With this method, they can control weeds as fast as they can with a conventional sprayer but with reduced amounts of chemicals and almost no risk of crop damage."

Peters and Dale have been experimenting with different rope application techniques. One which works well is an herbicide-filled pipe, about 3 to 4 inches in diameter, with holes in it every 8 inches. Rope runs between the holes. Two rows of rope allow overlap so no weeds are missed as the pipe, with its exposed pesticide-soaked rope, hits the weed tops.

"This device can be hooked to either the front of the tractor or on a three-point hitch."

Tobacco

(Continued from Page 1)

own crop, a few are acquiring their supplies from just plain pull-off tobacco. Prices vary accordingly, with only slight differences apparent from one company to the next.

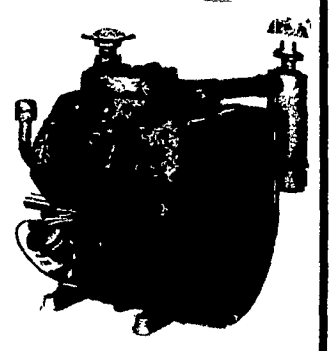
One buyer told **Lancaster Farming** that he is paying 60 cents per pound for straight stripped filler tobacco, and 70 cents for "long, clean, wrappers." Demand for the latter wasn't too high this year, he commented.

The only problems cited by buyers so far are shed burn and rib loose. Bad curing weather is partially blamed for those problems, although buyers also note that they suspect farmers are hanging the crop too close together in the shed.

Early reports indicate that the crop in southern Lancaster County is of better quality than leaves found in the Ephrata and New Holland area, although the entire crop for the county is receiving good marks, generally.

Color and texture of the leaves is commonly being described as good and even very good. The only doubt that arises in some minds is weight. The quality is up slightly over last year, but weights are expected to be down.

WISCONSIN ENGINES



NEW & USED SALES AND SERVICE

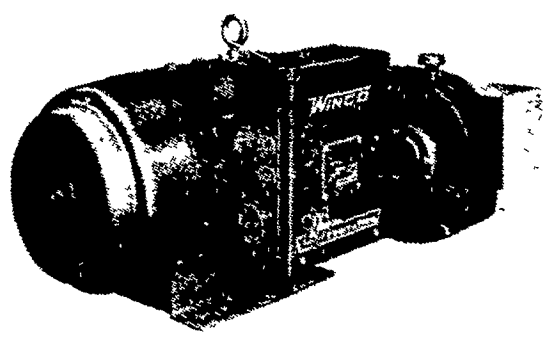
AUTHORIZED WISCONSIN DEALER

MILLER'S REPAIR

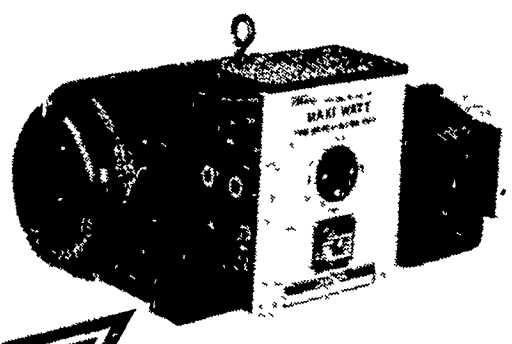
1 Mile North of Bird-in-Hand
8 miles East of Lancaster
RD1, Bird-in-Hand, PA Phone 717-656-9013

INTRODUCTION SALE, 1979 MODELS
OVER 50 IN STOCK

WINCO®

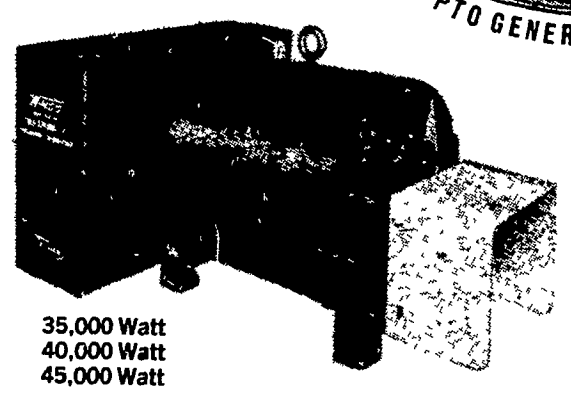


15,000 Watt

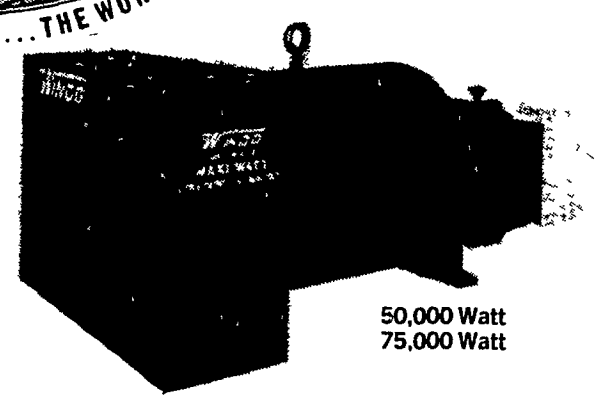


25,000 Watt

NO. 1 IN PTO GENERATORS...THE WORLD OVER

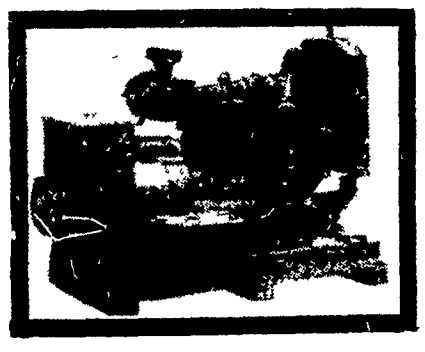


35,000 Watt
40,000 Watt
45,000 Watt



50,000 Watt
75,000 Watt

Over 40 Automatics In Stock 15-500 KW
Over 100 Portables In Stock 1.5-12.5 KW



MAXI POWER

USED UNITS

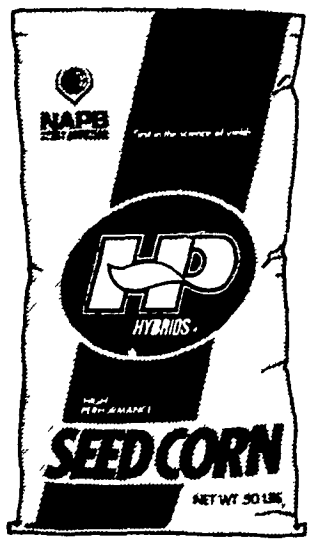
15 KW Onan, PTO
15 KW Katolite, PTO
3.8 KW Katolite, PTO
3 KW Katolite, Auto.
10 KW Daton, Auto. (new)

LEONARD MARTIN CO.

330 FONDERWHITE RD., LEBANON, PA 17042
717-274-1483

CORN

HIGH PERFORMANCE HYBRIDS FROM NORTH AMERICAN PLANT BREEDERS



HP 23

Single cross hybrid with strong stalks and big, massive roots for excellent standability
Big yields
Excellent ear retention
Medium tall plants with bred-in ability to fight a wide range of diseases
Relative maturity 108 109 days

P. L ROHRER & BRO., INC.

SMOKETOWN, PA PH: 717-299-2571

Bomgardner sweeps 4-H round-up

The grand champion market hog, owned by Jay Bomgardner, sold to Hatfield cking Company, Hatfield. The 214 pounder sold for $2 per pound. Jerry emens, (left) buyer for Hatfield, stands with Jay and the top selling hog, at the banon County 4-H baby beef and market hog round-up and sale.

(Continued from Page 34)

sold his 232 pounder for 86 cents a pound. Ebersole Pontiac of Lebanon was the successful bidder. Bonnie Arnold of Lebanon R7, sold her hog to Hatfield Packing Company. Hatfield was the top bidder on the 220 pounder at 71 cents per pound. Jay Bomgardner got 72 cents per pound for his 200 pound hog. Balsbaugh Insurance Company, Schaefferstown, was the top bidder.

The 18 steers that sold averaged $69.5 per hundred weight, compared to last years $56.97 per hundred weight. Hogs averaged $71.92 per hundred weight, up considerably from last years $58.90. Forty-eight hogs sold. The auctioneer was Harry Bachman, of Annville. Gary Dean, of Strasburg R1, judged the beef and swine type show. Dennis Grumbine, Myerstown, judged the fitting and showmanship contests.

The following is a list of the show results:

Market Hogs

Class 1 - 1. Jay Bomgardner, Annville R3; 2. and 3. Lee Garrison, Paymyra R2; 4. Jodi Kreider, Lebanon R1; 5. Elaine Houser, Lebanon R5.

Class 2 - 1. Jay Bomgardner; 2. Edwin Houser, Lebanon R5; 3. Gary Mase, Lebanon; 4. Edwin Houser; 5. Scott Eckenrode, Campbelltown.

Class 3 - 1. Jay Bomgardner; 2. Tom Arnold, Lebanon R7; 3., 4., and 5. Jodi Kreider.

Class 4 - 1., 2., and 3. Bonnie Arnold, Lebanon R7; 4. Jay Bomgardner; 5. Elaine Houser, Lebanon R5.

Class 5 - 1. Edwin Houser; 2. Bonnie Arnold; 3. Elaine Houser; 4. Gary Mase; 5. Tom Arnold.

Class 6 - 1. and 2. Tom Arnold; 3. Scott Eckenrode; 4. Edwin Houser.

Champion Market Hog
Jay Bomgardner
Reserve Champion Hog
Tom Arnold
Champion Swine Fitter
Tom Arnold
Reserve Champion Fitter
Lee Garrison
Champion Swine Showman
Tom Arnold
Reserve Champion Showman
Lee Garrison

Baby Beef

Lightweight - 1. Judy Early, Lebanon; 2. Mark Deaven, Fredricksburg R1.

Light-heavyweight - 1. Tom Arnold; 2. Chris Patches; 3. Paul Miller, Lebanon; 4. Bryan Eberly, Newmanstown R1.

Heavyweight - 1. Jay Bomgardner; 2. Terri Schaeffer, Myerstown; 3. Dorene Eberly, Newmanstown R1; 4. Bonnie Arnold.

Buddy Steers - 1. Jed Hoffer; 2. Jay Bomgardner; 3. J. Paul Miller; 4. Dorene Eberly; 5. Judy Early.

Grand Champion Baby Beef
Jay Bomgardner
Reserve Champion Baby Beef
Tom Arnold
Champion Beef Fitter
Jay Bomgardner
Reserve Champion Beef Fitter
Tom Arnold
Champion Beef Showman
Jay Bomgardner
Reserve Champion Beef Showman
Tom Arnold

Mealtime Magic

EXOTIC BEGINNINGS

The truly elegant meal begins with hors d'oeuvres—the perfect appetizers or accompaniments for before-dinner drinks.

To prepare a selection that will please every guest, add a different twist to your traditional vegetable or meat tidbit favorites For example, the agreeable flavors you'll find in the booklet "'Round The World With Champale. .The International Hors d'Oeuvres Recipe Experience," available from Champale, Recipes, Dept. G., Trenton, N J 08611, for 25¢ postage and handling can bring the color and excitement of foreign lands to your parties

You can add a touch of sophistication, too, serving Champale, Extra Dry or Pink, or using Champale to make a tasty *Sate* like "Sate Javanese" from Indonesia

SATE JAVANESE

3 chicken breasts, skinned, boned, and cut into 1-inch cubes

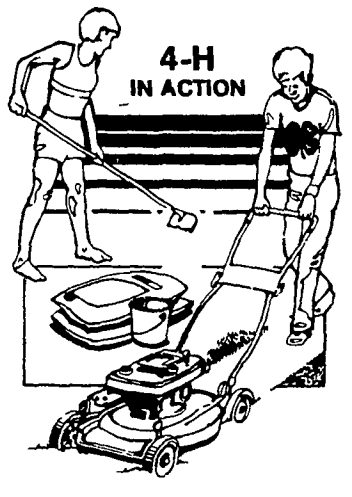
Marinade

1/2 cup Pink Champale Malt Liquor
2 tbsp. Giroux Lime Juice
1/2 tsp. salt
1/2 tsp. ground ginger
1 garlic clove, crushed
Peanut Oil

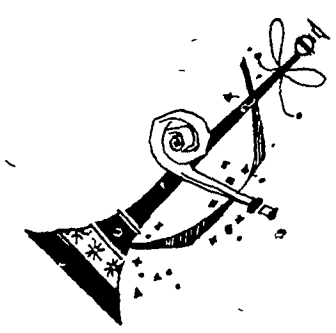
Sauce

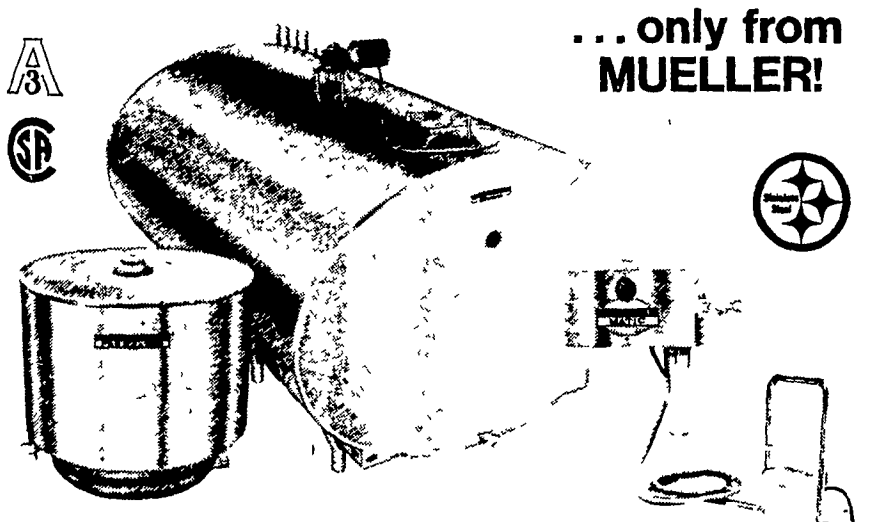
1 tbsp. peanut oil
1/4 cup scallions, chopped
1 garlic clove, chopped
1 cup chicken broth
1/2 cup Pink Champale Malt Liquor
1 tbsp. Giroux Lime Juice
1/2 cup peanut butter
2 tbsp. soy sauce
1/4 tsp. red pepper flakes

Place chicken cubes in non-metal container with all the marinade ingredients, except oil. Let stand 1 hour. Thread 2 or 3 pieces of chicken on small skewers. Brush with oil and broil 5 minutes, turning occasionally. To make sauce, heat oil in pan; sauté scallions and garlic until transparent. Add next ingredients. Blend well. Heat and serve with Sates Insert skewers into a pineapple garnished with Raffetto Kumquats. Makes about 24 Sates.



1. Free Hot Water
2. HiPerForm Cooling
3. Mueller-Matic Washing





...only from MUELLER!

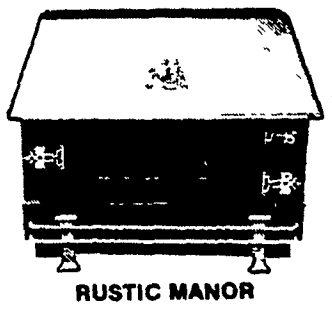
..Why settle for less!

USED TANKS
300 Gal. & Up

FOR MORE INFORMATION, CONTACT:
MARTIN'S REFRIGERATION SERVICE
Route No. 1, Box 482 Fayetteville, PA 17222
Phone: (717) 352-2783
SALES & SERVICE

FIRST ANNUAL
PUBLIC AUCTION
AG-IND. EQUIPMENT CO., INC.
RISING SUN, MARYLAND
WATCH FOR SALE LISTING OF NEW & USED EQUIPMENT
MONDAY, JANUARY 29, 1979
10:00 A.M.
AG-IND. EQUIPMENT CO., INC.
Route 273 East
Rising Sun, MD 21911
Phone: 301-658-5568 or 301-398-6132
Auctioneer -
Blaine N. Rentzel
Emigsville, PA 17318

Nester Martin Coal Stoves


RUSTIC MANOR

A rustic dark grey stove & fireplace combination featuring a Pyrex glass door.

Maximum heat output 60,000 BTU or 17,000 Cu. Ft.

- Efficient
- Long Burning
- Economical
- Thermostat Controlled
- Interior Storage Bin or Hopper
- Top Loading
- Glass Door
- Heat Exchanger
- Burns Buckwheat or Pea Coal

Four Models - Seven Sizes - To Choose From.
SMOKETOWN SAW SHOP
(Andrew Beiler)
196 Eastbrook Rd., Smoketown, Pa. 17576

It's been a very good year

THANKS TO THE MANY AREA FARMERS WHO BOUGHT A HARVESTORE® SYSTEM IN 1978.

This has been a good year at

PENN-JERSEY HARVESTORE

and 1979 is going to be a better year for the many area farmers who bought a Harvestore® system in 1978. It will be a better year, because compared to conventional systems their new systems can help them save money from reduced field and storage losses. By reducing the amount of store-bought protein and by improving milk production with better quality feeds.

The reduced work load alone is enough for owners to have a good year.

Fill out the coupon below or give us a call today (717-354-4051), and we can discuss how you too can have a better year in 1979, with a Harvestore® system.

Season's Best

Here's wishing you all the best that life has to offer! May you enjoy a fruitful New Year filled with success and happiness!

MAIL TO: PENN JERSEY HARVESTORE SYSTEMS
P.O. BOX 7
NEW HOLLAND, PA 17557

NAME _____

ADDRESS _____

CITY _____ COUNTY _____

STATE _____ ZIP _____

TELEPHONE _____

DAIRY _____ BEEF _____ HOGS _____

Are your dry cows crying for attention? Give them WAYNE Dry Cow & Heifer Conditioner

The WAYNE Dry Cow program is designed to:

- Rebuild body reserves
- Develop the unborn, growing calf
- Adjust digestive system for milking rations

Four lbs./cow/day of Wayne Dry Cow & Heifer Conditioner will keep her trim and guard against off-feed and ketosis problems after calving.

Your dry cows need all the help you can give. Don't let them down. Ask one of the Wayne Feed dealers listed below about Wayne Dry Cow & Heifer Conditioner.

WAYNE FEEDS ®

WAYNE ANIMAL HEALTH AIDS

PARTICIPATING DEALERS

WALKER CO.
, PA 717-442-4169

ANDERSON BROS.
Park, PA 17352 717-382-4472

STEVENS FEED MILL, INC.
ens, PA 17578 215-267-2150

HILAMAN'S MILLING SERVICE
Nottingham, PA 301-398-4561

THE FARM STORE
Franklin & Laurel Streets
Pottstown, PA 19464 215-326-9343

VAN - MAR FEEDS, INC.
West on Miller St. Shoemakersville, PA
215-926-2121 or 215-926-1230

MANOR FARM SERVICE
RD 2, Lancaster, PA 717-872-4613

W. L. MUMMERT CO
High & Pine Streets
Hanover, PA 17331 717-637-6923

BATZ FEED & SUPPLY
R1, Richland, PA 17087 717-933-8168

WAYNE FEEDS OF WHITE HALL
Weisburg & White Hall Road
White Hall, MD 21161 301-329-2171

BRANDT'S MILL
830 Maple Street
Lebanon, PA 17042 717-272-6781

WHITE OAK MILL
R5, Manheim, PA 17545 717-665-2288

JAMES BALMER
Wholesale Specialty Feed Distributor
Manheim, PA 717-665-2011

DUTCHMAN FEED MILL, INC.
R1, Stevens, PA 717-733-3020

MOYER & SON, INC.
113 E. Reliance Road
Souderton, PA 18964 215-723-6001

POWL'S FEED SERVICE
Peach Bottom, PA 717-548-2376

'Learning by living' experienced by Lancaster Co. student

By SALLY BAIR
Staff Writer

For Rosalie Sadler, Stevens R2, education does not mean just sitting in a classroom. "Experiential learning"- is far more valuable, and, as she puts it, "It's a wonderful way to go about your education."

Rosalie returned to the Lancaster County farm of her parents, Mrs. and Mrs. Loren Sadler, last month from a 14-month visit to Guatemala through an independent study program of the Quaker-founded Friends World College in Huntingdon, N.Y. The larger portion of her time there was spent living with a family in an Indian village near Guatemala City, where the study center for the College is located. She called the experience "learning by living," and what she learned there is filling 350 pages of a journal she is writing as part of her course of study.

A graduate of West Town School in Chester County, Rosalie said an experience with the American Friends Service Committee just after graduation had a large influence upon her decision to enroll in this unique program. She spent two months in Mexico, living in a village and working with 4-H clubs in several villages. "After two months there I wanted to return to a Latin America setting. I was just learning to speak and to think Spanish," she explained.

Although she began her higher education at Wilson College in the Spring of 1977, she said, "When I learned of Friends World College I knew I had to go there. I wanted to learn how my culture was affecting Latin America. I wanted to study the influence of this culture."

When her plans became more concrete, she chose to narrow her study to her interest in alternatives to orthodox medicine, which she says emphatically, "I don't approve of." So she chose folk lore and folk medicine as a specific area of study.

She did not just appear in an Indian Village and begin studying. The process of assimilation was a slow one, and began with orientation to the Friends World College Center in Guatemala and four weeks of language school. This was followed by two more weeks of orientation on the economical and political aspects of the country and included practical information and discussions with an advisor.

Finding a place to do her study was a part of her first several months in Guatemala. She became friendly with a social anthropologist who helped her find reading material on folk lore and folk medicine so she would have adequate background before going to a village. She also came to know a dentist - anthropologist who wanted to study the folk medicine aspects of dentistry, by studying the correlation between cavities and social structure and social relations. It was through him that she found an Indian community and family that would accept her.

During her orientaton and background work she lived with a Latin family in the city. This started her cultural preparation because there was no phone, no refrigerator and just cold water. She washed her clothing by hand. "Most of the time I enjoyed it because we depend too much on modern conveniences," she stated.

Rosalie explained that she enjoys working with her hands, and this helps her when she becomes "too intellectual" in her work. Therefore, she used her desire to learn a handcraft as a means of introducing herself to potential homes.

Eventually, she found a home, in February, with a sister-in-law of a weaver. The weaver agreed to teach her weaving and the sister-in-law gave her a room in a corn stalk home. Roaslie lived in that Indian village of 7,000 people for the remainder of her visit. She said the family had reservations about accepting her, but she expressed a sincere desire to learn the language, the customs and to learn to weave and make tortillas. Her sincerity won them over.

By this time her Spanish was quite adequate, and she felt comfortable conversing in all the tenses of the language, but she set herself the task of learning Cakchiquel, the Indian language spoken in the village. Cakchiquel is the first language of 315,000 people, but dialects change from town to town, Rosalie explained. During her visit she put together a dictionary of 600 words of the Indian language. This was no small task, since there was no written language, and she had to learn both pronunciation and spelling.

Rosalie lived in an agricultural community, but not in the traditional Lancaster County sense. The people lived in mud brick houses or corn stalk houses in the town, and walked from one half hour to three hours to reach their fields outside the village. "It was a completely agricultural village," she said. "The people had nothing if they had no land on which to raise food."

The men worked the land, turning over the soil and pulling weeds, and the women harvested and marketed the crops. There was no animal labor, except for a few horses used to carry tools and produce to and from the fields. If families didn't have enough land of their own, the men hired out for $1.25 per day.

The two main tools used in agricultural production were a short-handled big hoe for turning over the soil, and a machete, "for hacking away." Rosalie characterized the soil as being fairly good because it is constantly being fertilized by volcanic ash. It is high in minerals." Because there are active volcanoes nearby, volcanic sand also drifts to the land and helps fertility, she explained.

The area she visited lies on the side of an extinct volcano, with two flat valleys for farming. Much of the farming was done on the hills, often at a 45 degree slope. Corn, she said, grows from 18 to 20 feet tall.

A further difficulty in farming is that land is often scattered in small parcels, with large distances between, according to Rosalie. This comes as a result of dividing the land among members of the family, and the pieces of land keep getting smaller and smaller.

Land in that area is valuable, going for approximately $500 an acre. Since some peopel live on incomes of less than $40 a month, there is little opportunity to increase the size of land holdings.

Her host family was fairly well off, Rosalie said, because they owned an orchard and could sell their many apples at market. The city market, however was 1½ hours away by bus, and those wishing to sell there had to travel at night to be there bright and early in the morning. She noted that her family ate only the poorer quality fruit which could not be sold.

The mainstay of the diet is corn, beans, squash, tomatoes and occasionally meat. She said the health of the village is generally poor because they are "malnourished."

A few people owned cows and some had pigs to be sold, although a pig was sometimes saved for family celebrations. Some people had chickens, but sold them instead of eating them themselves.

The only income was from some "cottage industry." Weaving was a predominant cottage industry, and Rosalie said she knew one man who had looms and did weaving daily. Most of the men, however, worked in the fields.

During her stay there she did learn to weave on a back strap loom, and she brought one home with her to continue weaving. She also brought many colorful woven pieces of fabric. One of her proudest examples of her work there is a sampler which was her first project under the watchful eye of her Indian teacher.

Rosalie said the culture is a patriarchy, but the "women have the real power. Women sell on the market and handle the money. Women have all the dealings with money."

Family bonds are very tight. "Cousins are referred to as brothers, and all parties are family parties. You can't really get close unless you are part of the family. All their loyalty belongs to the family." She said her acceptance became because "they took me under their wing and made me part of their family. But there were cultural differences. Even in marrying there are cultural differences."

She explained that when a young woman marries, she goes to live with her husband's family and works "like a slave" for the first few years. A young woman gets up long before the rest of the family to make tortillas, which are the mainstay of the diet. While the corn is cooked the night before, it must be ground in the morning. Rosalie said that they once ground it three times, but now there is a motorized grinder in the village and the women take it there first, and then grind it just once in their homes.

All the cooking is done on a wood fire built over three stones. A clay griddle is used to cook the tortillas.

Childhold is a particularly precarious time there. One of her jobs while in the village was to take a survey on their attitudes and treatment of fever. Although people were somwhat reluctant to talk to her, she learned that one in three children in the families she interviewed had died. "They died of measles, whooping cough, mumps and other diseases. But they don't die from the disease. They die from the combination of the disease and dehydration, because they don't give anything to drink with a fever."

The most valuable part of her experience, she said, is that "it teaches you what is you and what is your culture. The two are not the same. It taught me who I was, and I was forced to see myself apart from my culture. That is the most valuable part of the whole education, and it is hard to do in a conventional educational set-up."

She hopes to earn a degree from Friends World College, but first she plans to travel to Japan to experience an Eastern culture, and then to Europe. Her ultimate career goal is to become a Waldorf teacher using the methods of Rudolp Steiner. Steiner's approach to education is to help children develop in physical, emotional, mental and spiritual ways. "It is a balanced development." Rosalie states. "As preparation for this I need to get a broad cultural background and have many and varied experiences."

From her initial goal of learning about our cultural influence, she said what she saw was "mostly negative." She explained that multi-national corporations are giving the Guatemalan people food which is no good for them, and "as they go up the social and economic ladder they try to make themselves more and more like people in the United States. They are dumping their own values."

(Turn to Page 43)

Homestead Notes

Junior Cooking Edition

Cheese. Cut it up and eat it plain, put a slice in a sandwich, or, try a new cheese recipe featured in the Junior Cooking Edition.

Cream Cheese dip, and a party dip, featuring cheddar cheese are included this week, along with cream cheese pie, potted cheddar, cheesey dogs and beans, and filled burgers. There are roquefort, swiss and dill, onion-cheese, and feta cheese fillings for your burgers. A master mix is given to make a tender burger to be filled with these delicious cheese selections.

Next week, we will be featuring eggs.

The second and third week of January will start the theme of breakfast goodies, such as pancakes, cereal and breakfast pastry.

Please be sure to include your complete name, address, age and phone number, as well as the complete directions for your favorite recipe. All recipes should be sent in one week in advance to **Lancaster Farming**, Junior Cooking Edition, Box 366, Lititz, Pa. 17543.

Junior readers who have their recipes published will receive a small gift for taking the time to send their recipes in. This is our way of thanking you for your time.

Please remember, the recipes featured in the Junior Cooking Edition by our junior readers have not been tested by **Lancaster Farming.**

Trying to think up a New Year's resolution? Think recipes! (And the Junior Cooking Edition, of course.)

Happy New Year!

CREAM CHEESE DIP

1 package (3 ounces) cream cheese
¼ teaspoon salt
2 teaspoons catsup
2 or more teaspoons cream
grated onion to taste
2 dashes Worcestershire sauce

Cream together all ingredients until smooth. Chill. Serve with raw carrots and celery or chips and crackers.

Lois Shertzer
Age 11
Millersville, Pa.

CREAM CHEESE PIE

1 eight ounce package cream cheese
1 packet graham crackers
3 tablespoons butter or margarine
½ cup granulated sugar
1 tablespoon lemon juice
¼ teaspoon grated lemon rind
2 eggs

Roll the crackers into fine crumbs. Melt the butter. Combine crackers and butter. Mix. Reserve ¼ cup of crumb mixture for topping. Press remaining crumbs into an eight inch pie plate. Combine softened cream cheese with sugar, lemon juice and lemon rind. Beat until fluffy. Separate eggs. Add egg volks to the mixture until well blended. Stiffly beat egg whites. Fold egg whites into mixture. Pour mixture into crust. Sprinkle the top with the remaining crumbs. Bake at 350°F. for 25 minutes until slightly firm. Chill at least one hour before serving. Serve with favorite topping.

Grace Horst
Age 13
East Earl, Pa.

FILLED BURGERS

2 pounds ground beef
1½ teaspoons salt
3 tablespoons heavy cream
Fillings (see below)
8 hamburger rolls

Mix ground beef with salt and cream. Shape into 16 patties half as thick as usual. Put two together with the filling between. Press edges together. Broil or pan fry as usual. Split rolls and heat in oven. Place patty on the roll bottom and cover with the top half of roll. Will make eight burgers.

ROQUEFORT FILLING

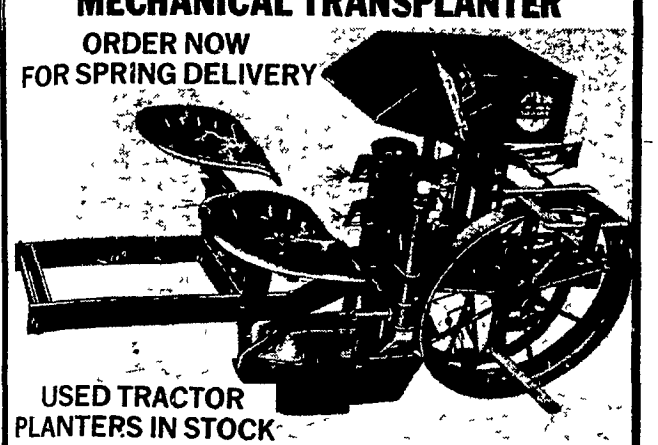
3 tablespoons Roquefort cheese
2 tablespoons heavy cream

Crumble cheese, mix with cream until blended but do not cream. Put in the center of burgers.

(Turn to Page 44)

MECHANICAL TRANSPLANTER

ORDER NOW
FOR SPRING DELIVERY



USED TRACTOR
PLANTERS IN STOCK

- New Amazing "Flo-Check" Water Valve (Patented) with Magic Air Control to assure uniform water supply to the plants regardless of water level in barrel.
- New Manual Shutoff with Automatic Roller Reset on Valve.
- Positive Action, Self-Cleaning, Neoprene Plant Grippers.
- Bronze Oilite Main Bearings
- Large Adjustable Plant Trays.

Lancaster County's only dealer
specializing in Sprayer Sales and Service.

LESTER A. SINGER

RONKS, PA PHONE (717) 687-6712
Eves. & Sats. (717) 687-7116

Quick 'n' Easy

7335 9248 8–18

This jacket above all—it easily accomodates layers of fashion Crochet of 2 ply medium weight sport yarn in easy shell stitch Pattern 7335 directions sizes 8 10, 12 14 incl

Looking pretty is EASY in this soft princess dress with elasticized waistline Cool cardigan neck, roll up sleeves are added assets

Printed Pattern 9248 Misses Sizes 8, 10, 12 14, 16, 18 Size 12 (bust 34) takes 2 7/8 yards 60 inch fabric

New season coming up, best reason for sewing this snappy, swift wardrobe! Let her choose her favorite dress, then surprise her with the tunics plus pull on pants and shorts

Printed Pattern 9196 Children's Sizes 2, 4, 6, 8, 10 Size 6 dress 1 1/8 yards 45 inch

$1.50 for each pattern Add 40¢ for each pattern for first-class airmail, handling Send to

QUICK and EASY PATTERNS 170
232 W 18 St , New York, NY 10011

Fashions to Sew	75¢
1979 Needlecraft Catalog	75¢
Designer Collection #34	75¢
111-Hairpin Crochet	$1.00
107-Instant Sewing	$1.00
121-Pillow Show-Offs	$1.50
117-Easy Needlepoint	$1.00
116-Rifty Fifty Quilts	$1.00
115-Ripple Crochet	$1.00
113-Instant Gifts	$1.00
110-16 Jiffy Rugs	75¢

Add 25¢ each book for postage handling

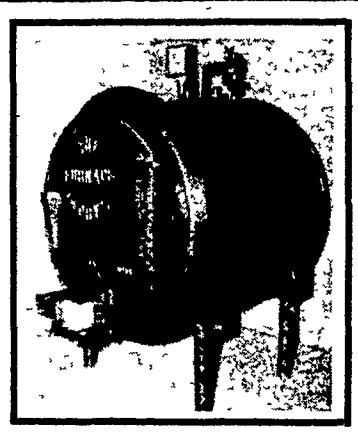
9196 2–10

ATTENTION!

Home Owners With Hot Water Heat

You Can Eliminate or Drastically Reduce Heating Costs With The

SFB-3 WOOD BURNING BOILER



- Remote Installations Possible.

NEW LOAD JUST ARRIVED!

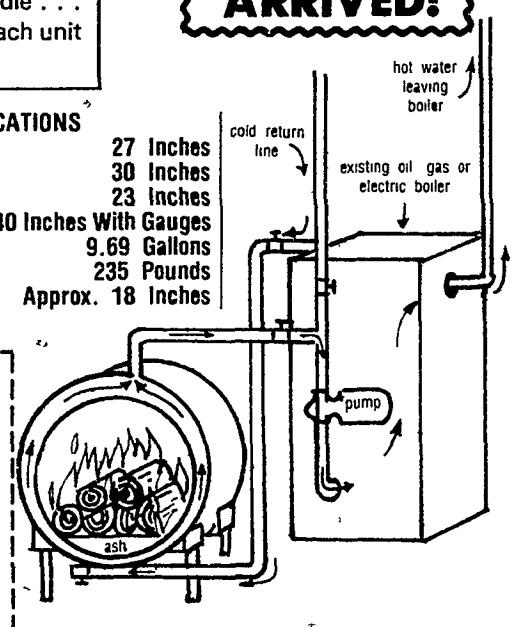
QUALITY COMPONENTS

Honeywell electrical units . . . large, airtight, cast iron door with camming lock handle . . . 11 gauge steel boiler and firebox . . . each unit leak and pressure tested.

- Fully Automatic
- Controlled Electrically
- Utilizes Existing System
- Pays for Itself
- Heats Entire Home Evenly

SPECIFICATIONS

Diameter	27 Inches
Length	30 Inches
Firebox Diameter	23 Inches
Height	Approx. 40 Inches With Gauges
Boiler Volume	9.69 Gallons
Approx Weight	235 Pounds
Log Length	Approx. 18 Inches



— DEALERS WANTED —

Return this coupon to:
LEACOCK COLEMAN CENTER*
85 Old Leacock Road
RD1, Ronks, PA 17572

☐ We are interested in more information on the Wood Burning Boiler.
☐ We have a stove business and are interested in dealer information.

Name _____
Address _____
City _____ Zip _____
Phone No. _____

With The SFB-3 Oil or Gas Becomes The Supplemental Fuel.

***Leacock Coleman Center is the Factory Rep. for SFB-3 Boilers.**

TV 8's MARLENE HERSHEY

ANNOUNCES
"Musical Moments", A New Organ Album

Favorite Selections include "He Touched Me Whispering Hope, Stand Up For Jesus" plus 9 other favorites 8 track tapes & cassette tapes also available

Only $5 98 plus 36¢ tax & 75¢ handling

MAIL TO
"MUSICAL MOMENTS"
Box 2364, R 2, Gap, PA 17527

HOMESTEAD NOTES

(Continued from Page 42)

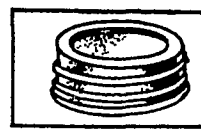
In evaluating her experiences, Rosalie said, "In experiential learning you don't get everything done you envision, but you get a lot more than you bargained for. I never thought my journal would be 350 pages."

Each day Rosalie writes nine more pages for her journal to meet her deadline before going back to Wilson for some courses. And each day she reviews some of what she learned over the past 14 months.

Her life in Guatemala broadened her outlook and set the stage for her continuing goal to become a Waldorf teacher.

TRAILER LOADS of JARS

★ PINTS ★ QUARTS
SPECIAL PRICES



LIDS ALSO AVAILABLE

CALL (215) 273-3776

ZOOK MOLASSES CO.

Box 160, Honey Brook, PA

Farm Women Societies

Lancaster Co. Society 13

The Lancaster County Farm Women Society 13 will be meeting on January 12 at the Tourist Bureau Information Center, Route 30 and Greenfield Road, Lancaster, at 7:30 p.m. Officers of the Society will serve as hostesses. Reports of the state convention will be given by the Society delegates.

A Christmas party was held at the Ronks Fire Hall on December 9.

Lancaster Co. Society 27

A covered dish supper was the featured event at the Lancaster County Farm Women Society 27 meeting, held December 19, at the home of Mabel Hershey. Thelma Wolgemuth served as co-hostess.

Linda Kauffman entertained the Society with a skit as "Edith Ann" telling about her five year old's ideas of the Christmas season and life in general.

Carol singing was led by Doris Nissley who accompanied herself on the accordian.

May Fellenbaum, out going president, installed the new president, Martha Garber. Barbara Brubaker was installed as the new president.

Mim Kauffman gave a reading while being accompanied on the piano by Millie Shenk.

Lancaster Co. Society 29

Lancaster County Farm Women Society 29 held their December 18 meeting at the home of Chris Shenk. Ten members were present.

Incoming President Doris Shenk presented outgoing President Marty Bixler with a gold locket from the Society.

Chris and Betty Shenk shared with the group slides from Bermuda and Winter scenes in Lancaster County. Mr. Shenk is retired from Ridgway Tours.

Carols were sung as hostess Linda Heisey and co-hostess Janie Garber served refreshments.

Monday, January 15, 1979, 7:30 p.m. at the home of Sue Bixler, Marietta R1, will be the next meeting date. The theme is "Happy Birthday." Members are to bring a wrapped $3 gift. The Society has a vacancy for some additional members. Anyone wishing to find out more about this organization can call Linda Heisey (717-653-4598) or Janie Garber (717 426-3689). You do not need to be a farmer's wife to belong.

Lancaster Co. Society 30

Joyce Stoltzfus, Lancaster County Dairy Princess, spoke to the Lancaster County Farm Women Society 30 at their December 18 meeting about her duties as queen and the work she is involved in teaching the nutrition of milk to elementary grades.

Mrs. Deb Buckwalter hosted the meeting in her home while Mrs. Lois Kauffman served as co-hostess. A cookie exchange was held after the meeting.

Mrs. Carol Horning will host the January 15 meeting in her home. A taffy pull will be the featured event.

Lebanon Co. Society 14

Ninety-two Lebanon County Farm Women Society 14 members, family, and friends gathered for a family Christmas dinner at the United Methodist Church, Campbelltown, recently. The meat was provided by the group while each family brought a hot and cold dish.

Entertainment for the evening was a magic show given by Kevin Wilson.

Mrs. Roger Brandt, Palmyra will host the January 16 meeting at 7:30 p.m. in her home.

York Co. Society 2

Rutters Restaurant, Red Lion, was the cite of the York County Farm Women Society 2 Christmas party. Twenty-eight members and four guests attended.

Mary Herbst, Charlotte Herbst and Lillian Godfrey sang special Christmas music for the festivities. Miriam Dapp and Donna Cunkelman played a piano duet of Christmas music. The Kenneth Boyers showed, and gave interesting information about their collection of Crosses. Members exchanged gifts and cards. President Grace Ferree thanked Donna Cunkelman and her committee for their work making favors and planning the Christmas party.

The next meeting will be held at Spurg's in Spry, January 10, 1979. Ruth Anne Santiago will be hostess.

CHEESE
A FAVORITE DAIRY FOOD

Farm Women Calendar

NOTE: Farm Women Societies are reminded to send in their 1979 Yearbooks to **Lancaster Farming**, Farm Women Society News, Box 366, Lititz, Pa. 17543, as soon as possible.

Tuesday, January 2
Berks Co. Society 4 meeting, Edna Angstadt, Boyertown R3, hostess.

Wednesday, January 3
Berks Co. Society 9 meeting, installation of officers; hostess, Peggy Lewis, Amityville.

Pa. egg production up

HARRISBURG - Pennsylvania egg production in October totaled 283 million, six per cent above the number of eggs produced in October 1977, according to the Pennsylvania Crop Reporting Service.

The October average of 13.4 million layers was two per cent higher than in 1977. Egg production per 100 layers during October was 2,117 compared to 2,046 a year ago.

United States production totaled 5.67 billion eggs in October, one per cent more than a year ago. The number of layers in the nation during October averaged 282 million, virtually the same as a year earlier. Egg production per 100 layers during the month was 2,008 compared to 1,989 a year ago.

Junior Cooking Edition

(Continued from Page 43)

SWISS AND DILL FILLING
2-3 slices Swiss cheese
1 medium dill pickle
1 small onion
1-2 teaspoons hot sauce

Cut the cheese into thin slivers. Chop the onion and pickle. Mix together. Add the hot sauce. Mix. The sauce will hold the mixture together. Fill the hamburgers.

ONION CHEESE FILLING
2 tablespoons crumbled sharp cheese
2 tablespoons chopped onions
1 tablespoon mayonnaise
2-3 dashes Tabasco sauce

Combine all ingredients listed. Blend well. Fill burgers.

FETA CHEESE FILLING
3 tablespoons crumbled Feta cheese
6-8 Greek black olives
1 tablespoon chopped chives
2 tablespoons heavy cream

Cut the olives in half. Combine all ingredients. Mix well, but leave chunky and do not cream. Fill burgers.

PARTY DIP
½ pound Cheddar cheese
1½ cups ripe tomatoes
1 tablespoon hot green chili pepper

Shred the cheese. Skin and chop the tomatoes. Combine in a small pan. Heat gently until cheese is melted. Chop the hot peppers. Add to cheese. Pour in a serving dish, preferably one with a candle warmer underneath. Dip raw vegetables, such as carrot, zucchini, cucumber sticks, cauliflowerets and scallions, into the cheese.

POTTED CHEDDAR
1 tablespoon butter
¼ pound grated Cheddar cheese
1/8 teaspoon cayenne pepper
salt to taste
1 egg yolk
¼ cup heavy cream

Melt the butter in a pan. Add grated cheese, cayenne and salt. Melt mixture over low heat. Beat egg yolk and cream together. Slowly stir into the cheese mixture. Cook over low heat, stirring constantly. When mixture is smooth and thick, pour into a small jar. Cool. Cover and refrigerate. Will make one cup of cheese spread.

CHEESEY DOGS AND BEANS
½ cup Cheddar cheese
8 hot dogs
1 can (1 pound) beans in tomato sauce
¼ cup Worcestershire sauce
¼ teaspoon brown sugar

Grate the cheese. Combine the beans, mustard, Worcestershire sauce and brown sugar in a casserole. Arrange hot dogs on top. Press each hot dog slightly into the bean mixture. Sprinkle with grated cheese. Bake for 20 minutes in a 350°F. oven. Yields four servings.

pick pork

CARLOS R. LEFFLER INC.
TEXACO
Taking care of business means taking care of you
TEXACO
Farm Service
Lebanon 717-272-2541
Richland 717-866-2105
Womelsdorf 215-589-5513
New Holland 717-354-4136
Sinking Spring 215-678-7011
L&H GREEN STAMPS
CALL US FOR YOUR Gasoline, Diesel Fuel & Motor Oil Needs

QUARRYVILLE DRUG CO.
VISA
master charge
YEAR END PARTY SPECIALS
COKE 6 Pack of Cans SALE $1.19
HERR'S CHIPS, PRETZELS, CHEESE CURLS, ETC. SAVE $$
Planter's COCKTAIL PEANUTS 6½ oz. SALE 69¢
EGG NOG $1.15
Come and Check Our After Christmas Sale Prices on Hallmark Cards, Wrapping Paper and Many Other Items.
SEASONS GREETINGS FROM ALL OF US
SENIOR CITIZEN DISCOUNT (Age 60) — AFTER HOURS EMERGENCY SERVICE — PATIENT RECORD SYSTEM — LOCAL FREE DELIVERY OF ALL PRESCRIPTIONS (Quarryville Area) —
QUARRYVILLE DRUG CO.
717-786-3100
Hours: 8:30 AM to 9 PM Monday - Friday
8:30 AM to 5 PM Saturday

ASHLEY
AMERICA'S FAVORITE HOUSE-WARMER
If winter heating bills are making it hot for you,
warm up to an Ashley.
Your home's heating system should do more than just get you through winter comfortably. It should do it inexpensively as well. The Ashley Wood Heater enables you to burn inexpensive, readily available firewood (any kind) while you enjoy the modern convenience of thermostatic controls. And while you dial comfort, you dial economy. Users report fuel savings of 50% to 75%, and fire-holding ability of 12 hours and more. So install an Ashley Wood Heater and warm up to cool savings.
We now also have the new 7150 Model Ashley coal heater. The same fine features as the C-60 wood heater plus reversible grates, for either coal or wood.
Now At Truckload Prices
FISHER'S FURNITURE
Route 896 - 6 mi. South of Strasburg
In Village of Georgetown
Box 57, Bart, Pa.
Hrs. - 8 a.m. to 9 p.m. Mon., Wed., Fri.
8 a.m. to 6 p.m. Tues., Thurs., Sat.

Many holiday plants are not poisonous

NORRISTOWN - Poinsettia is not a poisonous plant, but neither is it recommended for eating, says Paul Reber, County agent, of the Pennsylvania Cooperative Extension service.

The record needs to be set straight so that parents who have had children eat leaves of the poinsettia need not immediately take the child to the hospital emergency room. The child should be observed for nausea, and diarrhea and stomach cramps as any prudent person would do when eating a new and different food. Any of these symptoms would justify a trip to the family physician, if persisting more than a few hours, or the hospital emergency room, if they are severe.

Another traditional Christmas plant, holly, is also non-poisonous, so parents of children who nibble a bit of it need not fear. So too with the Christmas tree. Toddlers who eat a few pine, spruce or fir needles will not be harmed. The only precaution offered is that children should be discouraged from putting any strange substance in their mouths because holiday mistletoe is poisonous and eating it will probably mean a trip to the hospital emergency room, cautions Reber.

Chicken:
Good for you and good for your budget

Kendy's Kollumn

by Kendace Borry

If I had one New Year resolution to make this year, it would be that my outside Winter wardrobe would match. I don't know how I manage to do it, but my cold weather barn clothes seem to be every color of the rainbow. It's getting so that even the barnyard animals are looking at me funny.

Let me be a little more specific. I have a light blue hat, a medium blue coat, splattered with brown paint, a flouresent red sweat shirt, one black mitten, one red mitten (which doesn't match the sweat shirt), a green and white scarf, and white boots. My jeans are the traditional faded blue, and usually air conditioned somewhere around the knees, letting the wide variety of colored knee socks peep through.

The total effect is startling, to say the least. And while I wouldn't be caught dead out in public is such a get-up, it seems more people come to visit me while I'm out at the barn and catch me in my "barnyard finest".

The animals let me know that the strange apparition is not lost upon their sight.

As I plunge out towards the barn in my warm clothing finery, I can almost see one sheep nudge another and say, "Don't look now, Harry, but here comes Calamity-colored Jane again. I bet you five to one she manages to fall in the mud too."

The steers gaze at my outfit solemnly, slowly staring, gathering in every detail of the mismatched mess of clothing. If I wouldn't throw them some feed, they wouldn't have anything to do with me.

The horses, which seem to be more fashion conscious, simply look down their noses at me, and say, "Just what is the world coming to today?"

Of course one time good old horse Dollar had to bite the blue ski jacket that I had on, to make sure that it was real. He was just dumbfounded by the whole effect of the layers of clothing I was wearing. As a result, now I leave a trail of feathers everywhere I go in the stables.

Yes, if I had one new year's resolution to make, it would be getting a barn outfit that matched. But I won't. Because in all that odd-colored finery, I am snuggily warm, and one just doesn't mess around with a successful cold weather outfit.

Bank wins award

READING - American Bank and Trust Co. of Pa. has received the Small Business Administration's "One Million Dollar Club Award" for its participation in over a million dollars in guaranty loans to small businesses during the period from October 1, 1977 through September 30, 1978.

The award was presented to Nelson R. Oswald, Vice President in charge of American Bank's Real Estate Division.

American Bank ranked in the top ten among banks granting SBA loans within the Philadelphia District, which includes 37 counties in eastern Pennsylvania and all of Delaware.

UNCLAIMED FREIGHT CO.
AND LIQUIDATION SALES
3019 HEMPLAND ROAD, LANCASTER, PA. 17601
PHONE: 717-397-6241
HOURS: Mon.-Fri. 10 AM to 9 PM; Sat. 10 AM to 5 PM

GO QUALITY SHOPPING - AT BARGAIN PRICES THAT YOU ONLY GET AT UNCLAIMED FREIGHT COMPANY AND LIQUIDATION SALES.

5 Gross - Panty 'N Panty Hose
Reg. $1.98 ..... Our Price ..... 39¢

600 Rolls GAF Film
126/20 Exp. ..... 39¢

24 Backgammon Game w/Case
Reg. $29.95 ..... Our Price $15.00

25 Fire Place Sets Black & Pewter
Reg. $29.95 ..... Our Price $10.00

36 Comb. Pool Cue & Putter w/Case
Reg. $49.95 ..... Our Price $15.00

48 Boxed 2 Pc. Cue Sticks, Hand Carved
Reg. $29.95 ..... Our Price $10.00

200 Wall Clocks, Battery & Elec. w/Candle Holders
Reg. $29.95 To $59.95 ..... Our Price To ..... $12.00 To $19.00

Name Brand Basketballs $6.00

Footballs $6.50

Men's Wallets ... Tennis Rackets ... Games ... Pen & Pencil Sets ... Curling Irons ... Dig. Clocks ... Dictionaries ... Large Asst. of Jeweiry ... Key Rings ... Stick Pins ...
ABOVE IS ONLY SMALL SAMPLE OF WHAT WE HAVE .....

3 - Trailer Loads of Living Room Suites 2 Pc. & 3 Pc. Made For Dealer Pickups ... They Cancelled ... Manufacturer Called Us ... We Purchased ... All Suites Under Wholesale ... All Top Fabrics ... ⅔'s Are Nylon ... ⅓ Herculon ...

65 2 Pc. Suites
Reg. $889.95 ..... Our Price .... $349.95 And $429.95

24 3 Pc. Suites
Reg. $1429.95 ..... Our Price $649.95

300 - Recliners ... Purchased Thru Cancellations Of Chain Stores And Private Business Firms On Floor Now At ... Wholesale And Under ...

300 2 Pc. Pool Sticks
Reg. $9.95 ..... Our Price $3.00

83 Bentwood Rockers
Reg. $189.95 ..... Our Price $79.95

35 Complete Bunk Bed Sets
Reg. $369.95 ..... Our Price $179.95

15 Glass Dinette Sets, Table & 4 Chairs
Reg. $289.95 ..... Our Price $60.00

40 Pc. Stainless Steel Table Ware
Reg. $59.95 ..... Our Price $10.00

44 Grandfather Clocks

15 3 Pc. Living Room, Early American, Herculon
Reg. $989.95 ..... Our Price $334.95

50 Pc. Stainless Steel Table Ware
Reg. $89.95 ..... Our Price $11.00

74 Pc. Stainless Steel Table Ware
Reg. $189.95 ..... Our Price $26.50

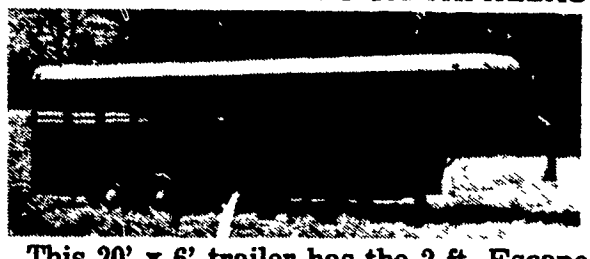
140 Bar Stools - Heavy duty
Reg. $69.96 ..... Our Price $25.00

Ladies Carry Mates
Reg. $15.00 ..... Our Price $3.00

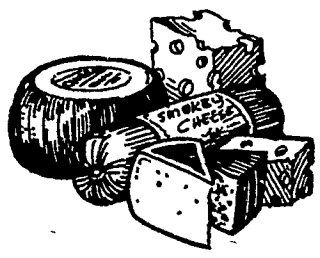
150 Rockers, all sizes and styles at Wholesale Prices

Consoles, Portable TV's and Stereos on Floor Now
Box Springs And Mattresses ... All Sizes ... Wholesale And Under ...
MANY MORE SMALL ITEMS - WAY UNDER WHOLESALE. ★ TOOL SETS, 14 PIECE, 24 PIECE, SCREWDRIVER SETS ★ VICES - ALL SIZES ★ FULL ASSORTMENT OF TOOLS ★ LAMPS ★ END TABLES ★ GUN CABINETS ★ BEDROOM SUITES ★ HALL TREES
Full Warranty ... Terms ... Lay-A-Way Not Responsible For Typographical Errors.
CLOSED SUNDAYS

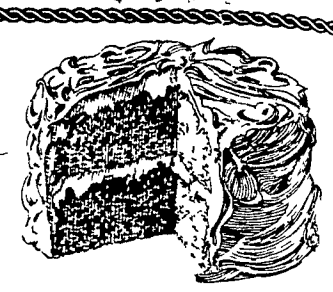
GO [redacted]
FISHER AND STOLTZFUS TRAILER SALES
Call 717-768-3832 or 717-354-0723
TILT BED GRAIN TRAILER
STANDARD LIVESTOCK TRAILERS



This 20' x 6' trailer has the 2 ft. Escape Door, Metal top & Tack Compartment.



Home on the Range



Holiday treats add to New Year celebration

A wide variety of recipes calling for something a little special on New Year's Day can be found in the last Home on the Range for 1978. Each one offers something to add to your New Year celebration. Hopefully these will add to a special welcoming of the year 1979.

We have a request for the Recipe Swap column. A lady is looking for an old fashioned mince meat recipe that can be canned and used as needed. The recipe she is thinking of had beef, sweet cider, suet, apples, and raisins as some of the ingredients. Those who think that they might have such a recipe should send it to the Recipe Swap, care of **Lancaster Farming**. Other people who would like help in finding recipes should also send in their requests.

As we move into January, our recipe theme calendar will feature a variety of meats for the month. We will start off the new year with poultry recipes which will be featured the week of January 6.

The week of January 13, pork recipes will be found in Home on the Range. And the week of January 20, beef recipes will be featured.

The month will end with lamb recipes. All those who wish to contribute to the Home on the Range should send their contributions to: Home on the Range, **Lancaster Farming**, Box 366, Lititz, Pa. The deadline for sending recipes for each theme is listed in the Recipe Theme Calendar.

SPARERIBS AND SAUERKRAUT

2 pounds spareribs
salt and pepper
1 can sauerkraut (1¾ pound)
3 tablespoons shortening
¼ cup water

Cut two pounds of spareribs into three to four rib pieces. Season with salt and pepper. Brown over medium heat in a heavy skillet. Add small amount of water; cover and cook slowly for one hour. Empty one can of sauerkraut into a kettle. Top with ribs using three tablespoons of the fat and ¼ cup of water. Cook slowly for one hour.

For variety, add ½ teaspoon caraway seeds and three tablespoons chopped onion to the sauerkraut. Or one can add ¼ cup of brown sugar and two apples, cut in eighths.

Mrs. Ruth E. Ruoss
Blain, Pa.

PORK AND SAUERKRAUT GERMAN STYLE

2 quarts sauerkraut
1 pork loin (4 to 5 pounds)
1 tablespoon paprika (or to your taste)
2 tablespoons shortening
2 tablespoons flour
1 large onion

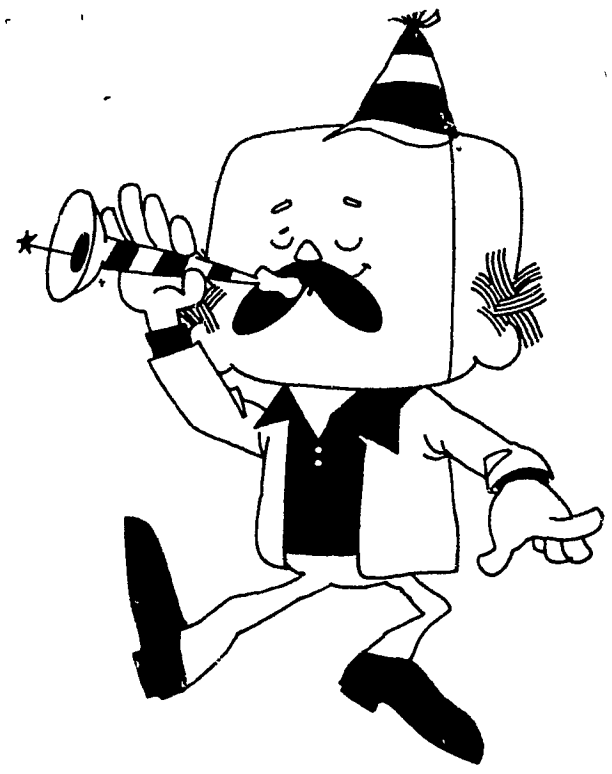
Divide the pork loin into three portions. Spread one quart of sauerkraut evenly into the bottom of a large pat. Slice a part of the onion over the sauerkraut, then add the pork and cover with the other quart of sauaerkraut, again slicing more onion on top of the sauerkraut. Fill the pot with cold water almost up to the top of the sauerkraut and cook for three hours or until the pork is done. Remove the pork and set aside. Melt the shortening in a small saucepan and add the flour gradually to form a paste. Keep stirring until the sauce browns a little. Add this to the sauerkraut. This will thicken the mixture. Finally add the paprika to the sauerkraut. This will serve at leat six people.

Mrs. Eva S. Rubinosky
Upper Gwynedd, Pa.

Recipe Theme Calendar

JANUARY

6	Poultry Recipes Deadline December 30
13	Pork Recipes Deadline January 6
20	Beef Recipes Deadline January 13
27	Lamb Recipes Deadline January 20



NEW YEAR DAY BURGERS

1 pound hamburger
¼ cup finely chopped onion
1 tablespoon steak sauce
1 teaspoon mustard
1 teaspoon salt
1/8 teaspoon pepper
4 slices cheese

Mix the hamburger, onion, steak sauce, mustard, salt, and pepper together well. Shape into four patties. Broil for six minutes, then turn on other side and broil for four minutes more. During last minute of broiling top with cheese. To make these burgers special, add a variety of fixings so that each member of the family can start his new year out the way he wants it.

SURPRISE PUNCH

46 ounces pineapple juice
10 small bottles of lemon lime soft drink (70 ounces)
12 ounces orange juice

Chill the pineapple juice and lemon lime soft drinks. Fill two ice cube trays with soft drinks and add a maraschino cherry in each cube. Let freeze. When ready to serve punch, mix pineapple juice and orange juice together. Slowly add the lemon lime soda. Finally add the ice cubes. Food coloring may be added.

HOT CHOCOLATE MIX

1 box dry powdered milk (8 quarts)
1 jar non-dairy creamer (6 ounces)
1 pound powdered sugar
1 pound instant chocolate

Mix all the ingredients together in alarge container. Use ½ cup mix to one cup of hot water to make your own instant hot chocolate. Good for a cold Winter's day.

PANCAKES

2 eggs
1½ cup sifted flour
⅓ cup nonfat dry milk
1¼ cup water
2 teaspoons baking powder
½ teaspoon salt
1 tablespoon granulated sugar
2 tablespoons melted shortening

Heat the griddle over low heat. When a water drop dances on the griddle, the griddle is ready for the pancakes. Beat the eggs, water, and shortening. Sift all the dry ingredients in a bowl Add the egg mixture and blend well. Pour on the griddle to make three inch pancakes. Turn when the cakes are full of bubbles Serve while the panckaes are hot with butter and syrup

SIMPLE PANCAKE SYRUP

½ cup brown sugar
2 cups hot water
1 teaspoon maple sugaring

Mix ingredients together in a saucepan and bring to a boil, stirring occasionally. Do not let burn. Serve while hot

CRANBERRY EGG NOG

3 eggs, separated
½ cup cold milk
2 cups chilled cranberry juice cocktail
½ teaspoon vanilla extract
3 tablespoons granulated sugar
nutmeg

Beat the egg yolks until they are light and fluffy. Add the milk and cranberry juice, beat until they are well blended together. Then add the vanilla. Just before serving, beat the egg whites until they are stiff but not dry. Gradually beat in the granulated sugar. Fold in the cranberry mixture. Finally, sprinkle with nutmeg. Makes five servings.

ORANGE EGG NOG

6 eggs, separated
¼ cup granulated sugar
¼ teaspoon cinnamon
¼ teaspoon ginger
¼ teaspoon ground cloves
2 quarts chilled orange juice
½ cup lemon juice
1 quart vanilla ice cream
1 quart chilled ginger ale
nutmeg

Beat the eggs until they are light colored, then add the sugar, cinnamon, ginger, and cloves. Stir in the orange and lemon juices. Cut the ice cream into small pieces in a large punch bowl, then pour the orange juice mixture over the top. Then add the ginger ale. Sprinkle the top with nutmeg. Makes about 20 servings.

Ida's Notebook

Ida Risser

There is a big difference in a household with children at Christmas Time and a household without children. And just to refresh my memory, I read my diary for the month of December written fifteen years ago.

The youngest of our six children was a few weeks old and just the work of feeding and clothing that bunch would keep anyone busy. Not to mention the time spent disciplining that bunch and trying to keep them all happy.

They threw snowballs at each other and went ice skating and fell through the ice into the shallow meadow pond. They built a clubhouse under a shed and took some of my candles, without asking, for light.

The ten and thirteen year old milked all the cows when my husband's truck broke down in Baltimore while he was hauling bulk fertilizer for our farm. They were also asked to tow the car when the temperature was zero and it wouldn't start.

With a group like that someone always seemed to be sick. And when one got better, another was ill Sometimes they even shared their "bugs" with their Parents.

Shopping was something that took nerves of steel in order not to explode with all the pressures of being pulled many directions all at one time. Their ideas were always bigger than the money available. A second or even a third trip was necessary before everyone was satisfied. There were school and church programs to attend and banquets for the parents. I wrote in my diary that the only time it was quiet at our house was when they slept or read

When Christmas morning finally came, they quickly looked into the contents of their stockings. Next on the agenda was passing out other gifts. Our seven year old daughter sprang up, tripped over the coffee table, fell, and cut her chin. So on icy roads, with hills that the car couldn't get up, I drove her to the doctor's office for seven stitches. Oh, the excitement of a child-filled household.

Ladies Have You Heard?

By Doris Thomas

Lancaster Home Economist

HOW TO SHOP POST HOLIDAY SALES

Immediately after the holidays, you're invited to take advantage of "After Christmas Sales" followed by "Inventory Sales" and "January White Sales." If the magic word SALE draws you out of your easy chair and swiftly toward the store - wait! You need to use the same kind of thinking, planning, comparing and judging that you do any other time to determine a good buy.

You must be familiar with the merchandise in the store. Is this the store's regular merchandise or has it been brought in for a special "After Christmas Sale?" If it is the latter, the merchandise may be of an inferior quality for that particular store.

If you judge clothing primarily on dollar savings, you may be disappointed later when you realize that the bargains weren't items you needed or wanted. Trying on clothes before buying them becomes even more important if a store has a "no-return" policy on sale items. If a tage says "as is" or "damaged," be sure it can be cleaned or repaired.

Check the workmanship carefully. Be sure that the grain or yarn in the fabric either runs straight up and down or across the garment when it is on. Careful matching of the pattern, as in checks, stripes, plaid and some prints, is a sign of good quality. Look particularly at center and side seams, pockets, sleeves, and collars.

Seams and hems should be flat and even in width. Wide seams and hems lie more smoothly and make alterations possible.

Stitching should be uniform and straight. It should look the same on both sides and be securely fastened at the ends. Thread used for stitching seams and hems should be of a color that matches the garment exactly.

Reinforcement is important at points of strain, such as pockets and closures. Hooks and eyes, snaps, buttons, and trimming should be sewn on firmly. Unless the fabric is very firm, buttons and snaps should be backed with interfacing.

Zippers should be flat and inconspicuous and long enough to permit getting in and out of the garment without strain. Interfacings should be of a comparable weight and similar in care for the fabric. Seam finishes should be examined carefully to see if they are appropriate for the fabric.

Be sure to check the fiber content and care labels. See if the shrinkage is guaranteed to be no more than one or two per cent. And, check for colorfastness.

What kind of care will the garment need? Do you want to hand wash the garment or to pay for it's dry cleaning?

Be sure you have the measurements of the members of your family you're shopping for because sale items can seldom be returned. Remember, a person can wear a variety of sizes depending on the cut of the garment and the manufacturer.

Basic clothes are usually good sale buys. A single outfit can be dressed up or down and worn for several occasions. Don't get sidetracked by a high fasion item that may be on sale because it's expected to go out of fashion soon.

Practice some of the skills of a good shopper and you, too, will be able to save on your clothing purchases and make your family's clothing dollar stretch farther.

HOW TO DISPOSE OF YOUR CHRISTMAS TREE

One of the problems after the holiday season is how to dispose of the Christmas tree. Some families simply put it beside the roadside to be picked up by the trash collection service and later burned in the city dump.

According to J. Robert Nuss, Extension horticulturist at Penn State, these trees can be used in other ways.

Use the needles of pine trees as a mulch in small areas, the branches of pines, fir and spruce as a mulch to protect chrysanthemums and small shrubs.

The trunk may be used in the fireplace. Intact, the trunk makes a good Winter bird roost near a feeder. Or combine small branches and twigs with needles as part of the mulch.

Before discarding your used Christmas tree, give some thought as to how the parts may be used. You'll receive direct benefits, though small, but your community will benefit on a much larger scale.

Interest in eggs at 2½c per dozen

UNIVERSITY PARK - When you allow interest paid on borrowed money to climb from five per cent to 10 per cent on a 25 year loan or mortgage, interest actually more than doubles, says Penn State University's poultry specialist Herbert Jordan. Today, at prevailing interest rates, we find interest can amount to 2½ cents cost per dozen eggs sold, so farmers must not pay excess interest charges even if they must save cash and borrow from their own savings or establish a line of low interest credit from a savings bank.

If you agree to pay over 10 per cent interest over 25 years, the actual amount paid back is three times what you borrow. You pay back the principle plus you pay twice that in interest.

Farmers should keep interest rates negotiable even if they have to hold mortgages themselves or buy on sales agreements to avoid paying excess interest rates.

Poultrymen are the only type farmer in the world who produce for lower cost and a lower price than was true 30 or 50 years ago. This has been done by only spending money in:

1. Wise investments in vehicles, equipment, electronics, and supplies.
2. Efficient mechanical systems like cages, fan ventilation, and manure drying inside the house.
3. Productive, healthy birds with high genetic potential for low cost production.
4. Controlled environmental housing, well insulated and well ventilated.
5. Only high quality, nutritious, well balanced and complete feeds.
6. Producing what the market or consumer will buy.

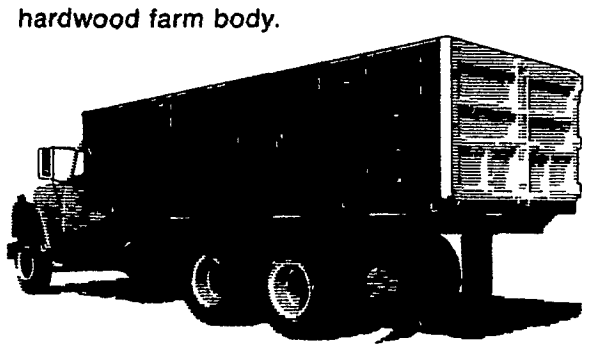
In summary, the poultry farmer is a wise buyer and when he rents, leases or buys the use of money by paying interest he also must get the most for his money. Two ways this can work - getting a dollar at a lower interest rate or borrowing a dollar that will buy more.

Livestock & Grain Bodies

Bigger Than Ever, Better Than Ever

Precision engineered roll formed 52" high steel sides provide greater capacity at less cost.

We've built rugged truck bodies for over 50 years and today we're continuing that tradition. That's the reason you can't make a better investment than an Omaha Standard steel or *hardwood farm body.*



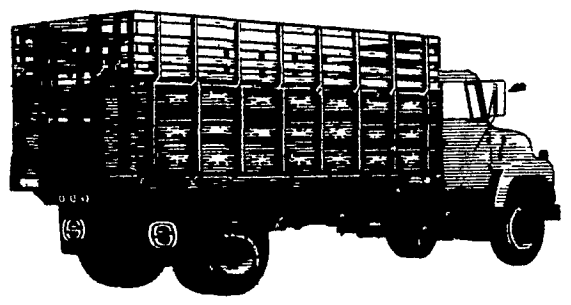
■ One-piece roll formed steel sides with built in tarp rail Available in 28", 40" and 52" extra-capacity heights. .all with maximum corrugation for maximum strength.

■ 40" and 48" hardwood sides also available ..the truck body Omaha Standard built its reputation on.

■ The toughest platform in the business—laminated wood, smooth steel or tread plate

■ Easy-conversion hardwood upper racks. greater flex and life than steel fold down racks

■ A full line of rugged gates...all engineered to make your job easier

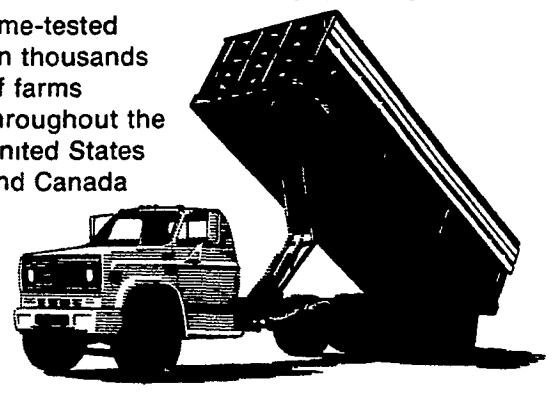


Omaha Standard Hoists

■ Seven precision-engineered scissor hoists from 4 to 34 tons for bodies 8' to 24'.

"Olympic Series" twin telescopic hoists with greater torsional stability for bodies 16' to 26' and 15 to 43 ton capacity.

Omaha Standard bodies and hoists. . time-tested on thousands of farms throughout the United States and Canada



Look to Omaha Standard for the best Our equipment takes all the punishment you can dish out. and comes back for more, year after year. We stake our reputation on it

We've been a part of successful farming and ranching for over 50 years.

FARMERSVILLE EQUIPMENT INC.

RD 4, EPHRATA, PA PHONE: 717-354-4271

STORE HOURS: MON., TUES., WED., FRI. 7:30 - 5:30
THURSDAY 7:30 TILL 9 P.M.; SATURDAY 7:30 - 3:00

Omaha Standard

SPRING DISCOUNTS

★ BUY NOW ★

FICKES SILO COMPANY

WET CAST VIBRATED CONCRETE STAVES

Stave Chutes, 2" Redwood Hinged Doors

GET OUR PRICE BEFORE YOU BUY

MARVIN J. HORST

Patz Silo Unloaders, Bunk Feeders & Conveyors, Barn Cleaners, Manure Pumps, Manure Stackers

1950 S. 5th Avenue, Lebanon, PA
On Rt. 897, 3 miles southeast of Lebanon
Phone: 717-272-0871

Hints given on making amaryllis bloom

NEWARK, Del. - Some lucky people received an amaryllis bulb among their holiday gifts this year. The amaryllis is one of the easiest plants to grow. Being a dormant bulb, it's also easily wrapped and shipped, so it's a popular gift plant. And, though not the cheapest of bulbs to buy, in length of life and spectacular bloom, it gives full return on the investment.

By following a few simple steps, even a "black thumb gardener" can be rewarded with one of the most striking flower displays available in pot plants. What's more, one can get to watch the whole bulb-forcing process from start to finish, day by day. The final climax is well worth waiting for - the day when those huge five inch to eight inch bright red, white, apricot or striped flowers burst forth in all their handsome glory.

To start, one should put the amaryllis in a pot about two inches larger than the diameter of the bulb. For soil, University of Delaware Extension horticulturist Dr. Charles Dunham recommends using a good garden loam mixed with equal parts sand and peat. Add a teaspoon of a balanced fertilizer like 5-10-5 to the mixture as well. (For convenience one may prefer to use a commercial potting soil instead of making up his own preparation - especially at this time of year).

A person can put some pebbles or broken pottery in the bottom of the pot for drainage, then partially fill it with soil. The bulb is set so that 2/3 of it is above ground and 1/3 below the soil line. One should firm the soil around the base of the bulb and give it a good watering. Then the pot is placed in a sunny window where the temperature will be between 60 and 70 degrees F.

One should water the bulb only sparingly until its root system is well developed. This means adding only a little water at a time and allowing the soil to dry out between waterings. Amaryllis bulbs are sometimes temperamental, but purchased bulbs usually are ready to grow and should flower in six weeks.

The flower spike usually develops before the leaves. As it approaches flowering, the plant will require more regular watering.

Once the bloom is spent, one should cut off the old flower spike about two inches above the bulb. A person should water and fertilize the plant regularly once a month with a soluble household fertilizer. Dunham says many bulbs will throw a second and even a third flower spike before Summer.

If one wants to save his bulb and grow it again next year, it must be kept growing all Summer with good light, regular water and fertilizer. Some people put their amaryllis outdoors for the Summer; others prefer to keep theirs inside. In either case, at the end of August one should put the pot in a warm, dark place and let the bulb dry off until it is dormant. It should rest about two months, then be repotted and one starts the forcing cycle all over again.

If one didn't get an amaryllis for Christmas, he may want to go out and buy one for himself. Their huge, colorful blossoms make a welcome break from drab Winter.

On being a farm wife

—And other hazards

By JOYCE BUPP

It's that time of year again when everyone specializes in predictions.

Not to be outdone by the likes of Jeanne Dixon and other "prophets", we offer here some farm foresight for your 1979 planning:

First a look at rural weather:

Brace yourself for three months of cold, snow, winds and freezing rain, interspersed with bursts of bright sunshine and clear blue skies. A warming trend with longer periods of daylight will follow, with expected leafing out of trees, greening of lawns and sudden appearances of bright colored flowers.

Halfway through the 12-month period, hot temperatures will descend, with alternating times of extended sunshine broken by occasional thundershowers. Heat relief can be expected to arrive in early Fall, with cooling nights to be followed by heavy frosts and shorter hours of daylight.

Now, on to the farm economy:

Market prices will hold at near present levels, which generally average about five per cent below production costs. A penny increase in the farmer-received price of beef, pork, milk, grain, etc., will result in an eventual nickel increase in the price by the time the product reaches retail levels. Drops in farm prices will rarely show up in retail costs.

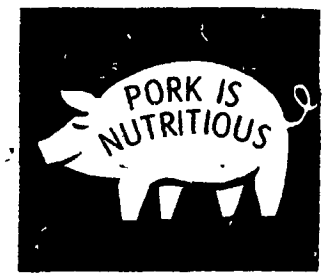
Input costs will rise at higher-than-desirable rates, especially in the area of urgently needed pieces of equipment. Spot shortages are expected to develop in repair parts, with crucial bearings and gears eventually turning up forgotten in warehouse corners in Cleveland, Syracuse and Baltimore.

Animal health will remain an ongoing problem, with a high incidence of livestock colds developing during the first three months of the year. There appears to be no threat of Swine Flu outbreak in hog herds, but heat stress is expected to take a high toll in dairy herds during July and August.

There you have it: 1979 in a nutshell.

And when it happens, don't forget that you heard it here first.

Happy New Year!



How much can you afford to spend for housing?

WEST CHESTER - Several "rules of thumb" are advocated to guide consumers in determining what they can afford to spend for housing, according to Joseph L. Wysocki, family housing specialist, the Pennsylvania State University.

The following guides are often said:

Monthly housing costs should not exceed 25 per cent of your gross monthly income.

The cost of buying a house (sales price) should not be more than two to two and a half times your gross annual income.

One per cent of the sales price of a house should not be substantially more than one week's pay.

The problem with these "rules of thumb" approaches is that they do not consider individual differences in employment, savings, debts, family size, interests and activities.

While these guides can give a rough estimate of home buying power, there are other techniques that take more factors into consideration.

The amount of down payment you have available is an important factor in determing what price house you can afford. By doubling your income and adding the amount of down payment you can get an approximate figure.

For example, if you have $8000 for a down payment and an annual income of $16,000, you can roughly afford a house that is selling for $40,000.

Depending on family circumstances you may be able to go higher or lower. Remember, you need additional money for closing costs and moving in expenses.

A more realistic approach to determine what you can afford for housing is to assess what you are currently paying for housing. If you have not kept records of your spending, it will be necessary to go through cancelled checks and receipts.

Once you have determined what you are currently spending for housing, you will have to ask yourself if you can afford to spend more or if it is necessary to spend less.

Remember, if you are purchasing a home for the first time, there will be added expenses, such as maintenance, repair costs and property taxes, in addition to the monthly mortgage payment.

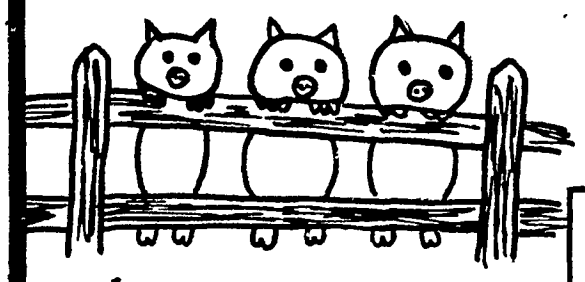
The important item to remember in determing what you can afford for housing is not only total income, but the current amount of monthly income that is available for total housing expenses.

Citrus prices zoom

WASHINGTON, D.C. - Citrus output during the 1977/78 season dropped seven per cent from a year earlier, but was worth thirty-seven per cent more, according to the Crop Reporting Board. Production totaled 14.2 million tons, versus 15.2 million in 1976/77. Florida continued as the top citrus supplier—79 per cent of U.S. oranges and 73 per cent of the grapefruit--while California produced the most lemons. Roughly three-quarters of the total crop went to processors.

SOYBEAN ROASTING ON YOUR FARM

CONTACT US NOW
WE'LL DRY YOUR CORN
RIGHT FROM THE FIELD



This little piggy went to market,
This little piggy stayed home,
This little piggy had
ROASTED SOYBEANS

FEED YOUR ANIMALS A TOTAL ROASTED GRAIN DIET.

Gem GRAIN ROASTER

Roasts all grains, (corn, beans, wheat, barley, oats).

CUSTOM SOYBEAN ROASTING DONE IN PA. AND SURROUNDING STATES

DALE L. SCHNUPP
RD 6, Lebanon, Pa. 17042 Ph: 717-865-6611

LINCOMIX® (lincomycin)
THE HEAVYWEIGHT

The feed additive for the treatment and control of bloody scours (swine dysentery) from birth to market.

A number of feed additives for bloody scours are on the market: But until today, few could offer such high performance and so few feeding restrictions as Lincomix.

On-farm trials have demonstrated the efficacy of Lincomix. By controlling bloody scours, Lincomix has proven its superior performance in maintaining rate of gain and feed efficiency while reducing death losses.

And Lincomix can be fed in any ration, from starter to finishing — just withdraw six days prior to slaughter. It's available in both complete feeds and supplements for on-farm mixing.

Lincomix—THE HEAVYWEIGHT feed additive for the treatment and control of bloody scours.

Talk to us today about getting Lincomix in your hog rations!

Look for lincomycin on the feed tag.

STEVENS FEED MILL, Stevens, PA
GEHMAN FEED MILL, INC., Denver, PA
JOHN B. KURTZ, Ephrata, PA
UMBERGER'S MILL, Richland, PA
C.E. SAUDER & SONS, East Earl, PA
GRUBB SUPPLY CO., Elizabethtown, PA
MARK HERSHEY, Lebanon, PA
HURST BROS. MILL, East Earl, PA
ALBRIGHT'S FEED MILL, Kempton, PA
F.M. BROWN'S SONS, INC., Birdsboro, Fleetwood, Sinking Spring
AGWAY STORES AND REPRESENTATIVES

Questions arise about livestock warranties

KANSAS CITY, Mo. - More than a dozen livestock industry representatives grappled here recently with a relatively new issue of growing concern to the industry - implied warranties in livestock transactions.

Called by the Livestock Health Council, the Dec. 15 conference produced a general consensus that more study and discussion is needed in at least five areas relating to implied warranties, said Council Chairman Raymond Schnell.

These are: the concept of "good faith marketing" and the fair apportionment of risk in livestock transactions; better veterinary inspection and greater emphasis on, and reliance by the industry on such inspection; a determination of when risk should be transferred in transactions; reasonable limits of liability, and what changes - if any - should be made in existing laws covering warranties, and how these changes should be made.

Schnell said the Council called the meeting because recently the application of warranties to livestock transactions has resulted in lawsuits and damage awards "bordering on the ridiculous. The Council does not advocate the removal of any normal or fair responsibility of the seller in livestock transactions. But all livestock sellers are eventually buyers, and we must find a way to deal with the implied warranty problem in a way that the entire industry can live with."

Council Attorney William B. Deas told the day-long conference that an implied warranty "deals with a buyer's reasonable expectations of an animal, although these expectations are not explicitly discussed or put into writing." The courts have recently "been interpreting more harshly" a seller's obligations under these warranties, he said.

Deas contrasted implied warranties with express warranties, which "have always been a part of livestock transactions," and relate to explicit "affirmations and representations."

He noted that the livestock industry has traditionally conducted its business "on a good faith basis" and called for the courts to become more aware of this fact. He said the "only long term solution" is equal apportionment of risk among the many parties normally involved in livestock transactions.

Tom Cook of the National Cattlemen's Association noted that although problems might arise later, "99.9 per cent of the individuals in the industry are now selling on good faith," and Deas added that because of this the "transition to this concept wouldn't be such a hard one to make."

Although he called for better veterinary inspection, Dr. George Stiles, member of the Health Council and former Missouri state veterinarian said, "It is scientifically impossible to guarantee the (future) health of livestock" after testing. "Tests are only diagnostic...they won't detect exposure to disease and they won't provide immunity."

Roy Poage of DeKalb Hog Breeders, DeKalb, Ill., said that any attempt to rely on veterinary inspection as a guarantee of the animal's future health is an attempt to guarantee the buyer's "management procedures," which, he said, can't be done.

Just when the risk of a livestock transaction should be transferred from buyer to seller is another crucial matter, Schnell said. He noted that it was the Council's position that this risk transferral should be as close to the time of sale as possible.

Another point that should reserve consideration is whether reasonable limits of liability should be tied more to the market value of the actual livestock involved in any transaction, Schnell said. Perhaps punitive damages should not be added except in cases of actual fraud or a breach of an express warranty, he said.

The final point for consideration--what, if any changes need to be made in current regulations, and how to obtain those changes--brought numerous comments. Dee Likes, executive secretary of the Kansas Livestock Association, said he felt that many people in the industry would be "nervous about advocating any change in the Uniform Commercial Code (UCC) that may define their liability."

The UCC, adopted with some modification in every state except Louisiana, has been the basis of many recent suits. Many conference attendees suggested a state-by-state approach to amending the UCC to exempt livestock transactions from the Code's warranty provisions, as was done in Nebraska in 1975.

Schnell asked that anyone who wishes to comment on the warranty issue should do so by writing the Livestock Health Council, 4900 Oak Street, Kansas City, Mo., 64112. The Council is the arm of Livestock Marketing Association which represents the marking sector in animal health matters.

Schnell added that the Council would be holding more industrywide conferences on this issue.

Other organizations represented at the meeting were the American Angus Association, the Missouri Cattlemen's Association, Mid-Continent Farmers Association, American Farm Bureau Federation, National Spotted Swine Record and the American Hog Co.

4-H Doings reported

Flemington, N.J. - The 4-H Club Doings of the Easy Riders, Goat Gang, and Hunterdon Hayshakers 4-H Clubs have been reported for the month of December.

The Easy Riders 4-H Horse Club met at the Town and Country Bank, Clinton. Twenty-four members and 2 leaders attended. Demonstrations were given by Debbie Stevenson and Donna Homulak.

There next meeting will be held on January 16 7:15 p.m., at the Town and Country Bank. Demonstrations will be given by Mary Elston and Jimmy Hurst. Guest Speaker, Richard Crown of Quakertown will be at the meeting. The topic of the next meeting is barn inspection.

The Goat Gang 4-H Club met in the home of Mrs. Mary Ann Hartman, Stockton. A milking demonstration was given by Janet Hartman. The next meeting will be January 19 at the same place. Chris Peck will give a demonstration on how to trim a goats hoofs.

Members of the Hunterdon Hayshakers 4-H Square Dance Club elected officers. They are: Barbara Metch, president; Sally Ternosky, vice president; Mary Ternosky, secretary; and Tom Steiding, treasurer.

Advanced dancing classes will start on January 11. The third annual Hunterdon Hayshakers Valentine Special square dance will be on February 10 from 2:30 p.m. until 10:30 p.m. There will be afternoon and evening dancing, a dinner and Clogging demonstration are planned.

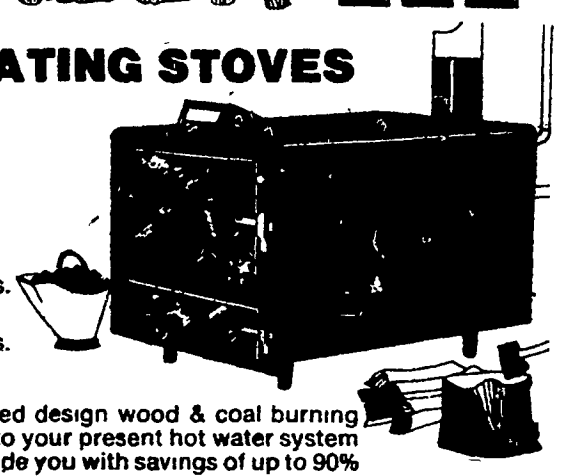
have a nice weekend...

TIMBER EZE

HEATING STOVES

New! Wood or COAL auxiliary heater

FEATURES-
* Automatic dial-a-temp thermostat.
* Cast iron rocking grates.
* Fire brick lined
* Internal hot water pipes.
* Burns 28" logs.



CUT YOUR FUEL COSTS!

This advanced design wood & coal burning heater ties into your present hot water system and can provide you with savings of up to 90% in fuel costs It also gives you the convenience of a thermostatic controlled atmosphere With this hook up your existing boiler acts only as a stand by.

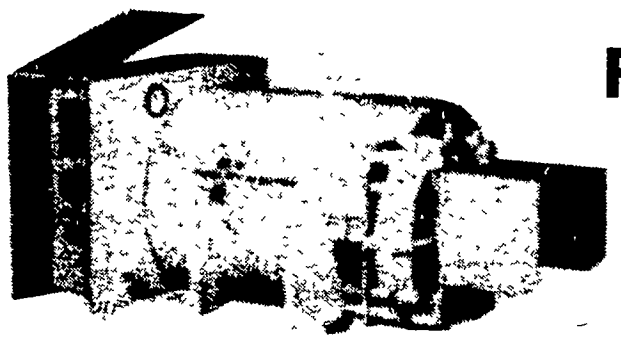
A Proven Savings!

A.R. FLAUD R.D. 2 Rock Road, Honey Brook, 19344

For more information call (215) 273-3211

IS YOUR ALTERNATOR BIG ENOUGH FOR TODAY'S MODERN FARMING?
HAVE IT CHECKED NOW — BEFORE A POWER OUTAGE

PROTECT YOUR MOTORS ON BULK TANKS, MILK PUMPS AND WATER PUMPS



PREPARE NOW FOR THE WINTER AHEAD

FREE DEMONSTRATION ON YOUR FARM

USED GENERATORS
(2) 20-12 KW 15 KW 25 KW

MATERIAL HANDLING EQUIPMENT

Zero Concord SYSTEM
acorn EQUIPMENT
MARTIN SPREADERS & PUMPS
FIDELITY ELECTRIC COMPANY INC TRUE ALTERNATORS
CLAY PUSHBUTTON FARMING

PROMPT SERVICE
SERVING LANCASTER, CHESTER AND CECIL COUNTIES

W & J DAIRY SALES

R.D. 2, OXFORD, PA. 19363
CALL BILL GUHL 717-529-2569

WHOLESALE & RETAIL

DISTRIBUTOR FOR:
SCHLESSMAN'S SEED CORN

Need Corn Dealers In Different Areas

★ ALFALFA ★ CLOVER
★ OATS ★ SOYBEANS
★ BALER TWINE
★ EARLY BOOKINGS ON CHEMICALS

• WEX • LASSO • DYFONATE
• FURADAN • ATRAZINE • OTHERS

NEW FERTILIZER FACILITY NOW IN OPERATION
★ BULK OR BAG ★
Truck Spreader and New Tylers Available
CALL FOR QUOTES

BOYD'S SEED CENTER
306 Iona Rd., Lebanon, Pa. 17042
Phone 717-272-8943

Restoration of pond begun by Garden Spot FFA

By KENDACE BORRY

LAMPETER — For their BOAC (Building Our American Communities) project this year, the Garden Spot FFA is tackling a problem that has been steadily worsening for quite a while.

Their project is the Lampeter Pond, which they summed up as in "bad condition".

According to members of the BOAC committee, including Jerry Myer, chapter president, Don Shaeffer, chairman, Clayton L. Shenk, student advisor, and James Meck, chapter reporter, there are several reasons for the pond's deterioration.

The banks are caving in, they reported. Muskrats are working in the pond, further damaging it.

Originally thought to be about 12½ feet deep, the pond now has about two feet of water in it. Some of the water has drained out of holes made by the muskrats and the FFA'ers estmated that about four feet of sediment has settled in the pond.

There has also been some waste materials dumped in the pond from facilities nearby. At one time there were fish in the pond but today none can be found.

Another aspect of the pond, which is located directly behind the West Lampeter Fairgrounds, is that it is located next to farmland. In the past, its overflow has drained into alfalfa fields, causing further erosion.

According to the BOAC committee, two years ago the West Lampeter Jaycees tried to do something about the pond, but failed to get the support that they needed. Now the Garden Spot FFA is accepting the challenge.

The project was officially started about a month ago.

The first step of the committee was to go to a West Lampeter Township supervisor meeting. There they explained what they wanted to do, and outlined their problems.

The youths believe that the basic issue will be funding for the project. They have the manpower to do the work—but money is needed.

They have two routes which they can follow in thir outlined plan of the project.

The first plan is that they simply work on the pond and restore it to its former state.

The second and more ambitious idea, is that the area is turned into a park, with landscaping, fertilization of the grounds, and the addition of picnic tables.

If they simply restore the pond, a rough estimate of the cost would be about $4000. If they decide to try and make a park out of the area, they estimate the cost closer to $8000 or $9000.

And the raising of that money will be the most difficult part of the work, the FFA'ers believe.

After attending the supervisor meeting, they started visiting different service organizations in the area.

They travelled to the Willow Street Sertoma Club, telling them their basic plans and goals. They went to the West Lampeter Jaycees and did the same. In the future, they plan to visit more organizations in the area.

To help in the estimate of the work, they had Scott Eberly, representing the Soil Conservation Service, in Lancaster, to look at the pond site.

Eberly suggested that the pond be returned to a depth of eight to ten feet deep, which would make it an ideal pond for bluegills. He told the FFA'ers that they need to determine an exact plan outling their goals for the project. The care of the pond, he noted, would be continual, if it was not to deteriorate again.

In charge of the plans for the FFA project are, seated, Don Shaeffer, chairman, Lampeter; Clayton Shenk, student advisor, Lancaster; and Jerry Myer, chapter president. Standing are Bruce Richards, FFA advisor, and James Meck, Willow Street.

The youths estimate that the entire project will take them about two to four years to complete. Right now, they stated they're handling complications and technicalities which have arisen, determining exact plans and starting to raide funds. They hope to get some of the actual work started by the Spring of 1979.

They are thinking of stocking the pond, which is fed by underground springs, with bluegills and bass. The pond, they hope, could be opened to the public for fishing and ice skating, as well as other water activities.

But right now what they are seeking is support for their project, and they urge anyone with suggestions or aid to call them at Garden Spot High School, 717-464-3311. Advisor for the group is Bruce Richards.

Pa. red meat production down

HARRISBURG - Red meat production in Pennsylvania totaled 91.3 million pounds in October, down four per cent from a year ago, according to the Pennsylvania Crop Reporting Service.

Cattle slaughter at 77,600 head was down 19 per cent from October 1977. Calf slaughter at 30,800 head was down nine per cent, hog slaughter at 266,800 head was up nine per cent, and sheep and lamb slaughter at 11,500 head was up almost three per cent from a year ago.

United States commercial meat production during October totaled 3.35 billion pounds, virtually the same as a year ago. Cattle slaughter was down four per cent, calf slaughter down 30 per cent, hog slaughter up one per cent, and sheep and lamb slaughter down 13 per cent from October 1977

HOW TO GET THE MOST FOR YOUR MONEY IN A CHAIN SAW.

Model 020AV

STIHL®
The world's largest selling chain saw.

In over 130 countries throughout the world there's one brand of chain saw that'll hold up better, last longer, and work harder than any other brand made. To the people who try it and buy it, it's a bargain. To the people who want the most for their money, it's a Stihl.®

FREE DEMONSTRATION
Chain Saw - Concrete & Metal Saw Rentals

WHERE TO GET THE MOST FOR YOUR MONEY IN A CHAIN SAW:

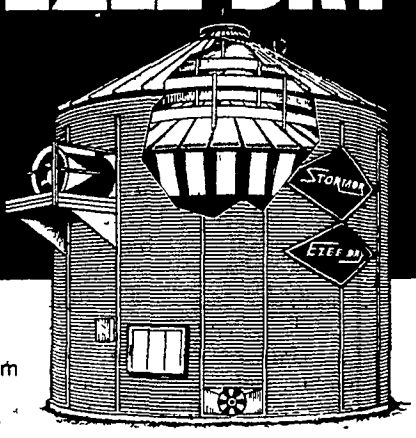
STOLTZFUS WOODWORK
RD Gap, PA Box 183
1 Mile North Rt. 897 From Gap

A & B SALES & SERVICE
2 Miles South of Rt. 23 Along 772
Thru Monterey - RD 1 Ronks, PA

WES STAUFFER SMALL ENGINES
RD 3 Ephrata, PA
Phone (717) 733-9174
½ Mile South of Rt. 322 on
Pleasant Valley Rd. Ephrata Exit New Rt. 222

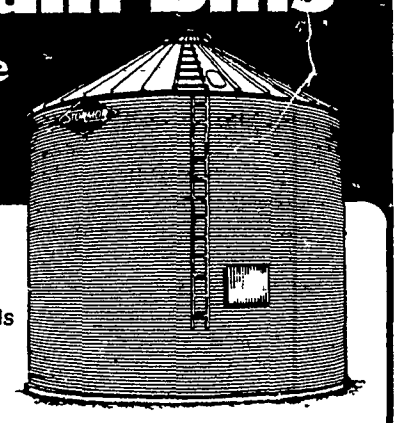
NORMAN H. ZIMMERMAN
Myerstown RD 2
Phone (717) 866-4695
¼ Mile West of Myerstown-
West Main St.

Stormor's EZEE-DRY
...now at Big Winter Discount Savings!



No matter how you farm, Stormor is for you—and at substantial savings Select from drying capacities from 2,000 to 12,000 bu per day at 10 pts In-bin storage capacities go up to a big 16,000 bu

Stormor Grain Bins
Durable and Dependable —and at Big Winter Discounts!



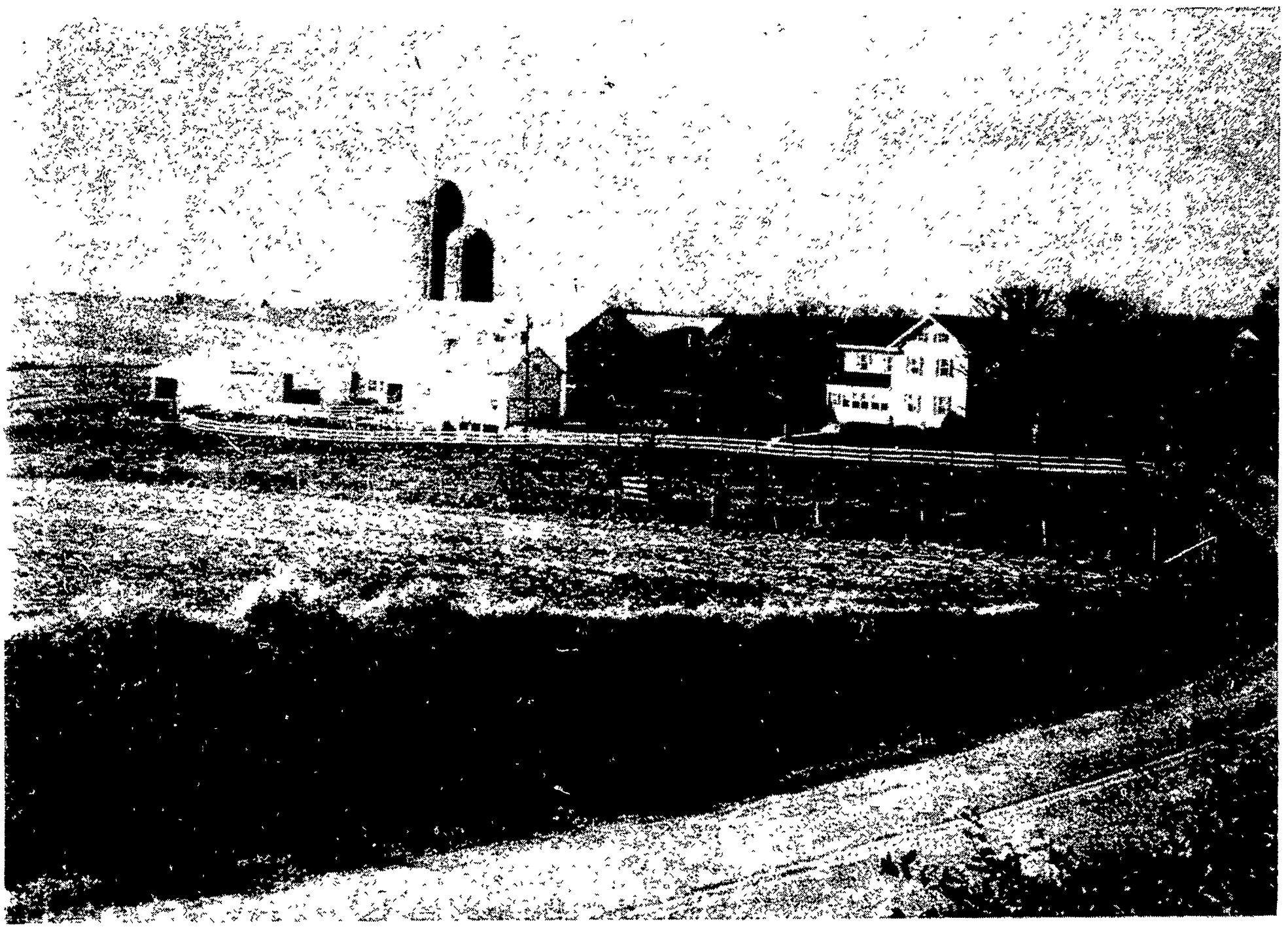
All the money-saving features found in Stormor Grain Bins can now be yours at a big savings
You get
- Rugged galvanized, heavy-gauge steel sidewalls
- Exclusive roof Vac-U-Vents
- Hill-and-Valley Bolting
- Rock-solid Anchoring
- Capacities to 152,000 bu

It all adds up to the best grain bin for your money!

The best is now specially priced. Come in today for Stormor's Big Winter Discounts on the quality built Stormor Grain Bins.

Loucks
GRAIN EQUIPMENT, INC.
Box 216, RD 12,
York, PA 17406
Ph: (717) 755-2868

STORMOR
Quality Built to Last Longer



This is the home of Lancaster County's top D.H.I.A. dairy herd and its owner, the Curtis Akers family of Quarryville, R1.

Lime, fertilizer and pesticide conference set

UNIVERSITY PARK – The 1979 Lime, Fertilizer and Pesticide Conference, an educational program for farmers, industry representatives, and professionals, is scheduled for January 23-25 at the Hershey Motor Lodge and Convention Center, Hershey.

According to program chairman, Dr. Robert Tetrault, Extension entomologist at The Pennsylvania State University, topics will focus on ways to increase production and profits through better farm management practices.

He points out that conference registration will be held at 11 a.m. on January 23 in the lobby of the Convention Center.

The January 23 session, which starts at 1:15 p.m., will feature Dr. Lyle Forer, director of the Pennsylvania Department of Agriculture's Bureau of Plant Industry, who will discuss the state's agricultural situation; Dr. Wayne Hinish, Penn State Extension agronomist, will evaluate soil conditioners and miracle growth substances; Dr. Nathan Hartwig, Penn State agronomist, will give an up-date on herbicide incorporation effectiveness with different tillage systems; and Paul Anderson, Penn State agricultural engineer, will discuss the cold-flow applicator for anhydrous ammonia.

Topics and speakers at the January 24 morning session include Dr. Robert Byers, Penn State entomologist, the role of insecticides in new alfalfa seedings; a report on soil nitrification by natural means by Dr. Merle Teel, of the University of Delaware Plant Science Department; Louis Moore, Penn State agricultural economist, the agricultural outlook for 1979; and Dr. John Baylor, Penn State Extension agronomist, will report on results of the state alfalfa growers program.

During the afternoon session on January 24, topics will focus on alfalfa pest management programs; the role of the Penn State Department of Entomology in the decade ahead; alfalfa disease; no-till seeding of forage and small grains; and an up-date on corn production.

Speakers include Dr. Charles Pitts, head of the Penn State Department of Entomology; Dr. Kenneth Leath, Penn State plant pathologist; Dr. Willis McClellan and Dr. Joseph McGahen, Penn State Extension agronomists; and Stanley Gesell, Penn State Extension entomologist.

Discussion the morning of January 25 will include research developments in federal pesticide regulations by Dr. Herbert Cole, Penn State plant pathologist; research activities at the Penn State Southeastern Field Research Laboratory by John Yocum, agronomist; up-date and outlook of Pydrin by Alan Wright, of Shell Chemical Company; and rules and regulations for implementation of new fertilizer and lime laws by Nick Turko, of the Pennsylvania Department of Agriculture's Bureau of Plant Industry.

Diet and health conflict needs fresh input

COLLEGE STATION, Tex. – A task force report on nutrition promotion recently at the National Farm Summit called for "new decision-making mechanisms to resolve disputes in the food arena."

The report, prepared by Dr. C. Peter Timmer of the Harvard School of Public Health and Dr. Malden Nesheim, Division of Nutritional Sciences, Cornell University, says the present approach is badly outmoded because "evidence offered by the producing sector is considered suspect because of the 'profit motive' and all evidence from the consumers is rejected because it 'politically motivated.'" This does more to make matters worse than resolve them, the report concludes.

"The pressing question for the farm community is how to be part of the decision-making process without appearing to speak solely from a position of vested economic interest," Timmer concludes.

The ideas were developed as part of an overall Summit process underway for much of the past year. A total of five task forces have been at work during this period. Draft reports from each were presented at the Summit which is sponsored by the Agriculture Council of America and Texas A&M University.

The report warns that while it may be unpopular and unwelcome news, U. S. farmers and agribusiness interests need to face up to the fact that mounting medical evidence exists linking diet to health.

Summarizing studies on the relationship between diet and health, the report notes that "regardless of what one may think of the merits of the scientific evidence, it is having an affect on diets."

The Task Force report cited a 1,400 - household USDA study which indicated that 50 per cent of the households were altering their diets due to health concerns.

Task Force members – including scientists, producers, consumers, processors and agribusiness representatives – did not come to agreement on either the conclusiveness of the evidence linking diet to health or the remedies. Members did outline four alternative courses of action including:

1. Less regulation of the food and fiber system. The case for less regulation is based upon the unworkable nature of the Delaney Amendment requiring zero tolerance for carcinogens in the food supply and the resulting fact that costs versus benefits are not considered in the present system.

2. Keep the present rules with no more regulation. Under this alternative, the food system would find its own path in the context of changing technology, consumer tastes, and present regulations and standards. The main effect of this alternative was seen as a continuation of the trend toward highly processed foods. Continued substitution of synthetics for animal and fish products was considered likely.

3. While the Task Force agreed on the need for expanded nutrition education, it did not agree on the substance of the education. The attractiveness of this alternative was that "it does not intervene in the freedom of choice of individuals, either directly or indirectly, as regulations and price manipulations do."

4. More direct interventions in the marketplace aimed restrictions on food advertising, changes in food grades to recognize consumer concerns, and government-mandated increases in the price of products which have high "public health costs" - these actions were suggested by a few members of the task force.

If goals calling for reduced consumption of butterfat, eggs, fatty meats, other sources of saturated fats and sugar are implemented, it "will have direct and negative economic repercussions on the animal sector of the U. S. farm community."

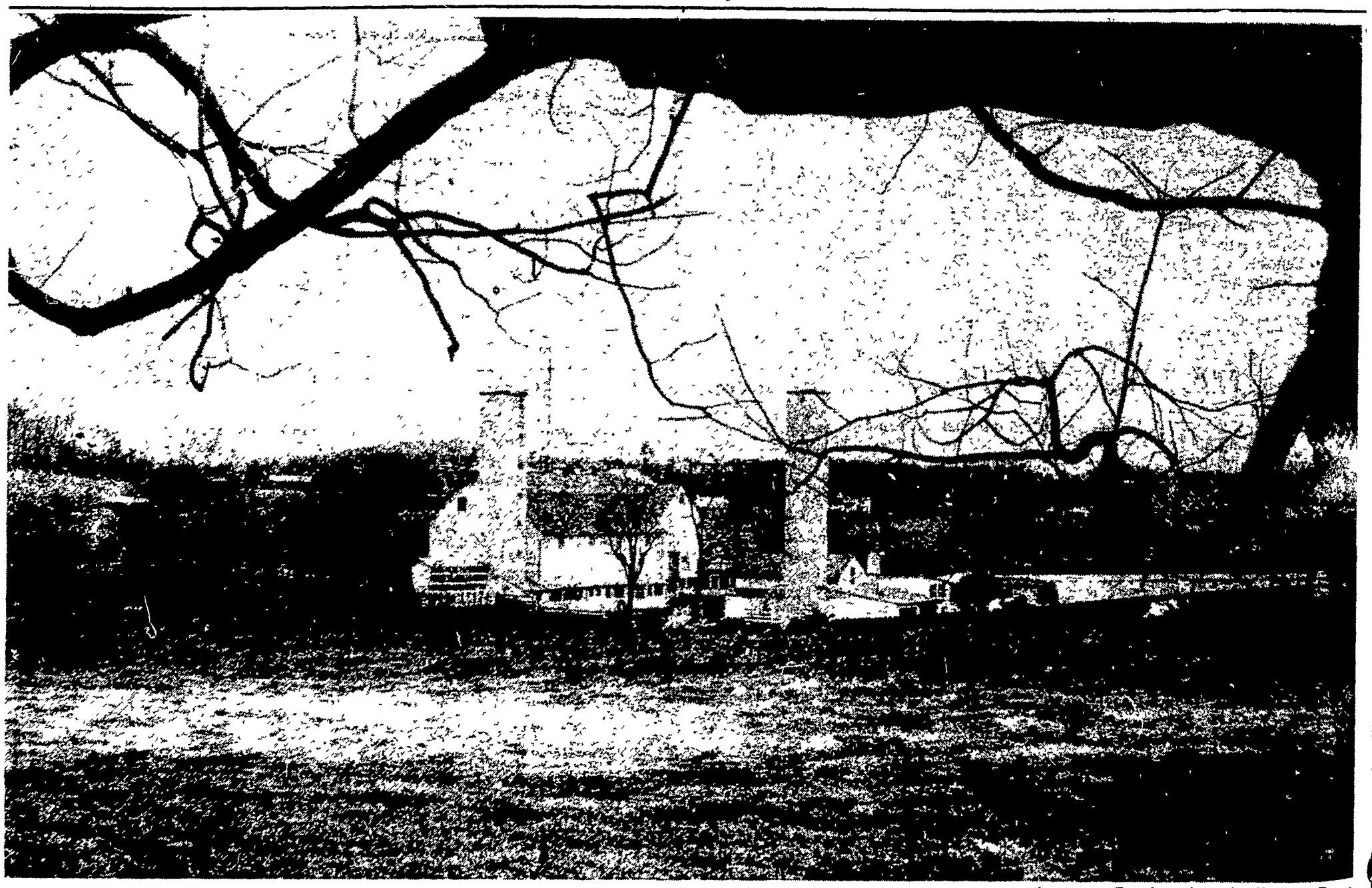
The report goes on to say "just the opposite is true for those farm items that the dietary goals would have increase in consumption-whole grains and fruits and vegetables."

Meat imports rising

WASHINGTON, D.C. — Meat imports continue to rise, with Australia supplying 60 per cent of the shipped-in commodity. Imports subject to the Meat Import Law (mainly fresh or frozen beef and veal) totaled 115.7 million pounds during October, say statisticians at USDA. That's up 35 per cent from a year earlier. Australia's share of that total amounted to 51.8 million pounds. New Zealand ranked second in meat exports to the United States with 13.4 million pounds or 15 per cent of the total.

Lancaster Farming Photo
by Joan Liesau

It was the day after Christmas at Erdenheim Farm, Lafayette Hill. The horses galloped out into the field throwing their heads up high. One playfully rolled over on it's back. Then they settled down to graze on the pasture which had not yet been covered by snow.



Lancaster Farming photo by Kendace Borry

Taking advantage of the Winter's sun on a cold afternoon, the dairy herd at the Ammon Reiff farm, near Rothsville, takes it easy, enjoying life and watching the world go by.

Nationwide marketing survey featured at LMA meeting

KANSAS CITY, Mo. — A survey of nationwide marketing conditions by veteran marketmen from around the country will be a highlight of Livestock Marketing Association's (LMA) January annual meeting.

LMA President Loran Casey said members of the trade group's board of directors will conduct the survey January 13 at the Sarasota, Fla., Hyatt House, site of the January 11-13 meeting.

"The directors, who come from Pennsylvania to Canada to California will present a region-by-region look at current and projected marketing trends," Casey said.

"Their reports will cover livestock and feed supply and demand, movement of cattle, availability of financing, the impact of inflation on the region, and any political activity that may have an impact on marketing.

"These reports will come, not from outside observers, but from people who are in the marketing business every day," he said.

Noted industry analyst and longtime marketman, C.O. Emrich, Norfolk, Neb., will also offer his predictions on marketing conditions throughout the U.S. and Canada in 1979, Casey said.

Emrich is the former general manager of the Norfolk Livestock Auction, Inc., one of the nation's largest livestock marketing businesses. He currently writes a twice-monthly column of market analysis and commentary for Marketline, published by Livestock Merchandising Institute.

The Institute is an LMA-affiliated organization.

Formal installation of the trade group's 1979 officers and directors, along with meetings of allied and affiliated organizations, are also scheduled.

LMA's subscribers from the U.S. and Canada will also hear a discussion of "Freedom in Livestock Marketing '79", the continuation of the campaign which this year brought about marketing tariff deregulation.

A complete schedule of events is available on request by contacting John J. McBride, Information Officer, Livestock Marketing Association, 4900 Oak Street, Kansas City, Mo. 64112, (816-531-2235).

LOCAL CLASSIFIED ADVERTISING RATES

12c per word
1.68 minimum charge
Use This Handy Chart To Figure Your Cost

Words	1 Issue	3 Issues
14 or Less	1.68	4 03
15	1.80	4 32
16	1.92	4.61
17	2 04	4.90
18	2.16	5.18
19	2.28	5.47
20	2.40	5.76

KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming): 50 cents additional.

Ads running 3 or more consecutive times with no change billed at 20 percent discount

Deadline: Thursday morning at 9 of each week's publication

Lancaster Farming
P.O. Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

FARM EQUIPMENT

For Sale - Custom Built double chain, wooden conveyors & tapered board feeders for cattle and hog feeding systems. M. Rissler, Stevens RD 1, Pa. 215-267-2244.

HOG SLATS
Self-spacing concrete from 4 ft. to 12 ft. lengths. V.T. Petersheim, Box 315, R2, Mifflintown, Pa. 17059.

classified ads

PHONE - 717-626-1164 or 717-394-3047

FARM EQUIPMENT

For Sale - JD 730D WFE 3 pt. 600 hrs. on complete overhaul, 25 hrs, on transmission, new radiator, fan, etc. 717-259-9448.

For Sale - Antique Ann Arbor baler model-Columbia, Best offer. Lebanon Co. 717-838-1434.

For Sale - John Deere 4400 Diesel Combine with 13' grain head & 4 row corn head. Also Ontario Grain drills, 16.8 on rubber & 14.8 on steel. Dauphin Co. PH: 717-896-8314.

For Sale - NH 357 grinder mixer. 215-827-7105 after 6:30 P.M. Chester Co.

For Sale - NH Super 77 baler, excellent condition. $400. 201-780-0871 eves.

USED JOHN DEERE 244
BALER W/BALE
EJECTOR
EVERGREEN TRACTOR
CO. INC.
Lebanon, Pa.
717-272-4641

Case 310 bulldozer with angle blade & rops canopy, very good condition, $5000. 302-239-5043.

FARM EQUIPMENT

For Sale - JD 3020 diesel, needs block. 717-354-0668.

Feed Carts, farm gates made to order, new EZ Trail farm wagons and wagon beds. B. John Stoltzfus, Gap RD1, Millwood Road.

For Sale - Oliver 88 Tractor, good working condition, tires are short. 717-933-8713

For Sale - NH 995 combine, excellent condition, corn and grain heads, new motor, low hours, $14,000. 301-829-0271.

AC 200 Tractor
12' NI Fert. Spreader
NI 705 Power Unit
NI 702 Uni
JD KBA Disc
NI 212 Manure Spreader
NI 213 Manure Spreader
NH 365 Tank Spreader,
very good cond.
ROY H. BUCH INC.
EPHRATA
717-859-2441

For Sale - AC E Combine w/cab, 12' grain head & 2 row corn head; 12' Brillion roller harrows; John Deere 494A Corn Planter w/liquid and dry fertilizer and herbicide attachments; AC 15' fold up disc; NH 469 Haybine. 215-536-5011.

FARM EQUIPMENT

For Sale - JD 34 harvester, good condition, pressure system working order. 717-354-5360.

M.F. 180 Tractor
700 Bobcat Skid Loader
Mighty Mac Skid Steer Loader
(2) 16' Tri-Star Trailers
w/$1,000 Discount
WENTZ FARM SUPPLY
Palm, PA
215-679-7164

For Sale - Ford 4 bottom 14" 3 pt. hitch plow, 10' JD transport disk. Ph. 609-397-0197.

For Sale - JD 95 e b combine, 14' grain head, 4 row corn head, excellent condition. Ph. 609-397-0197.

For Sale - JD 3300 D combine, 13' grain head, 2 row corn head, straw chopper, excellent condition. Asking $13,500. Ph. 609-397-0197.

Case 800 D standar, $2900. MF 85 D 3 pt., PS, $2850. Ford Major B & L, $3795. JD 520, 435 & MT. Several New Holland pieces available, balers, haybines, grinders. Ed Goodrich, Jr., Rt. 38 & 38B, Newark Valley, NY, 607-642-8688 & 729-2866.

Better arson detection may be forthcoming

LAS VEGAS, Nev. — A major program for cooperation by business and government to curb the growing crime of arson was announced here this month before the Winter meeting of the National Association of Insurance Commissioners.

The state insurance regulators were briefed on the new plan by an industry spokesman. The plan seeks to marshal more effectively the arson fighting resources of all concerned groups within both the public and private sectors.

The catalyst for this effort is the Insurance All-Industry Committee for Arson Control, a newly formed organizaton made up of national trade associations and companies from the property-liability insurance industry.

The new national plan would include local area task forces of representatives from law enforcement, the fire services, the business community, government, and other groups plus the insurance industry. The approach would be similar to an already successful community task force used in Seattle to combat arson.

Joseph P. Hegarty, New England vice president of the Alliance of American Insurers, spokesman for the all-industry group, told the NAIC that arson fires kill about a thousand people annually, injure thousands more and cause damage to property and the economy mounting to billons of dollars.

"Arson often has been called America's fastest growing crime even though solid statistics on its total dimension are lacking," Hegarty said. But data will improve, he said, noting President Carter signed a new law in November reclassifying arson as a Part I crime in the FBI Uniform Crime Reports.

"Over the long term we will obtain far more reliable information and crime statistics about arson," Hegarty said, "and in turn this will enable us to mount more effective countermeasures."

The insurance industry spokesman asked the state regulators to assist in the fight against arson by reviewing regulations that hinder insurance company efforts to investigate fires of suspicious origin. "In many states, insurers must act within 15 days to pay a claim or advise the claimant why not, an alternative that frustrates effective arson detection and can lead to damage suits when an investigation fails to obtain conviction," Hagarty said.

The Insurance All-Industry Committee for Arson Control includes the Alliance of American Insurers, the American Insurance Association, the National Association of Independent Insurers, the National Association of Mutual Insurance Companies, plus individual companies. These are: Aetna Life & Casualty, Allstate Insurance Co., Chubb & Son, Factory Mutual Engineering, Foremost Insurance Co., Kemper Insurance Cos., Liberty Mutual Insurance Co., Lumbermens Mutual Insurance Co., Royal Globe Insurance Cos., Safeco Insurance Co., State Farm Fire and Casualty Co., Travelers Insurance Co., Underwriters Adjusting Co. and Zurich Insurance Co.

Delaware Dairy Day planned

NEWARK, Del. - Use of the University of Delaware computer to save on feed costs, and ways to keep the farm in the family are two major subjects which will be discussed at the upcoming 1979 Delaware Dairy Day meeting at the Sheraton Inn in Dover.

The meeting, which takes place Wednesday, January 17, will also cover recent innovations in milking machine equipment and factors causing high leucocyte levels in milk and the ways these affect dairy farm income. In addition, there will be a discussion of various dairy herd improvement programs for Delaware.

The meeting, which is sponsored by the Delaware Cooperative Extension Service, is open to all dairy farmers and other interested individuals. The program starts at 10 a.m. and will last until about 3:30 p.m. For reservations or further information contact the County Extension office in Newark, Dover, or Georgetown.

WHITE Farm Equipment
SPERRY NEW HOLLAND

NEW MACHINERY SPECIALS.....
★ WHITE 8600 COMBINE w/4 Row and 13' Head, $38,000.
★ NEW HOLLAND 790 SPREADER, w/Hyd. End Gate, $5,200.

USED EQUIPMENT

TILLAGE - PLANTING
Oliver 4340 4-14 Plow
Oliver 540 4-Row Planter
Oliver 365 CT 3-16 Mtd. Plow
Oliver 312 3 pt. 2-Row Planter
AVCO Insecticide Boxes for 4 or 6 Row Int. Planter
JD 16 ft. Harrow
IHC 58 6-Row
IHC 700 4-16
White 5400 Plow

HAYTOOLS
IHC 37 Baler w/PTO Thrower
JD 24T Baler w/Ejector
NH 69 Baler with PTO Thrower
NH 402 Crimper
NH 401 Crimper
NH 461 Haybine
NH 469 Haybine
NH 479 Haybine
Case 555 Haybine

COMBINES & CORN PICKERS
JD 227 Picker

TRACTORS
Oliver 770 Gas
Oliver 1550 Gas
Oliver 1755 Diesel
Farmall 300
Farmall 560 Gas
Long 560
JD "A"
JD "50"

FORAGE TOOLS
NH 717 Harvester w/1-Row
NH 27 Blower
IHC 350 Harvester w/1-Row & Pickup
JD 12 Harvester w/2-Row & Pickup
IHC 550 w/2-Row & Pickup
IHC 650 w/2-Row & Pickup
Lamco 16' 3 Beater, Roof with 8 Ton Gear
Fox 546 Harvester w/1-Row
Case Hopper-Blower

SPREADERS & GRINDER MIXERS
JD 44
NH 327S
NH 327T
NH 516T

NEW EQUIPMENT IN STOCK

WHITE
2-50 Tractor
2-60 Tractor
2-70 Tractor
2-85 Tractor
2-105 Tractor
2-135 Tractor
WHITE
543 4R Planter No Till
543 6R Planter No Till
5400 4R Planter No Till
5400 6R Planter No Till
WHITE
340 CT SAR Plow
508 SAR 4-B Plow
WHITE 251 10'4" disc

WHITE 8600 Combine Diesel Hydrostatic w/13' head & 4-Row Cornhead
N.H. 310-315 Balers
N.H. 850 Round Baler
N.H. 256 - 258 Rakes
N.H. 478, 488, & 489 Haybines
N.H. 890 Harvester
N.H. 8 Forage Box
N.H. Spreaders - All Sizes
Vicon 3 pt. Fert. Spreader

NEW MACHINERY SPECIALS
McConnel 12' Harrow . . . $575
Vicon PS 500 . . . $ 595
Vicon PS 600 . . . $ 810

DUNHAM-BRILLION-LAMCO-LONG
NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt. 75
DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO.

FARM EQUIPMENT

For Sale - WINCO generator systems, home & industrial, 1500 watt to 500 KW, 24 hr. repair service. Gerald Bodman dealer for Leonard Martin Co., R.D. 1, Catawissa, Pa. 717-799-5306.

For Sale - 300 gal. Esco bulk tank, new 3 horse diesel $325, 717-354-0484.

For Sale - Int. 766, Int. 656 hydro, MF 1150, MF 760 combine, 6 row 30" corn head, 15 ft. grain table. 717-859-2960.

Case uni-loader model No. 1537, V-4 Wisconsin power with Case tandem axle trailer, $4000
Vilsmeier Equipment Inc.
Route 309
Montgomeryville, Pa. 18936
Phone: 215-699-3533

For Sale - 12½ KW electric start Deutz generator set with lime generator, like new. Lancaster Co. 717-354-7113.

Root rake Fleco 11' 24" teeth on one side, 16" teeth on other. Was mounted on D6 dozer $1800. 609-769-3183.

For Sale - 2500 gal. liquid manure spreader, tandem axle, good condition. 717-653-5155.

For Sale - Iron Wheel Farm Equipment - Hay rake, fair condition; Spring tooth harrow, fair condition; Small manure spreader, poor condition; Grain drill, good for parts only. Buyer must take all. $150. Ph: 215-855-5277.

For Sale - New Holland 357 Grinder Mixer, like new. Ph. 717-922-1410.

For Sale - JD 214 WS PTO wire tie baler, good condition $1000. Northampton Co. 215-759-3496.

For Sale - JD 1020 gas rear remote outlets, good paint and tires. 301-838-6196.

Wanted - MD engine or whole tractor. 607-656-8233. Heston Wrobel, Smithville Flats, NY 13841.

Wanted - No. 3 Bell Housing & Flywheel for Ford 330 Industrial engine. Also governor & carb. 201-764-4681.

Backhoe fits AC D-19 or any quick coupler hitch, also 4 bottom pull plow, 1 row corn picker, 2 corn conveyors, big sprayer, 4 row JD cultivator. 201-946-8885 after 6 p.m.

144" Woods flail chopper, 1000 rpm, PTO $700, 300 gal. Fruehauf steel tank trailer, 1100x20 tires, single axle $400. 301-272-2620.

1 rebuilt VH4D Wisc., elect. start, Owatonna replacement, like new; 1 - used VG4D Wisc., elect. start, rebuilt, like new. 717-733-9174.

For Sale - 1976 Int. 674 diesel with 625 hrs. $8000 or best offer. 215-683-7943.

To be sold at David Good Sale Jan. 3 - MF 65 diesel tricycle, 1960 model with 4 new tires & rims. 15-5-38 Goodyear 6 ply.

For Sale - Int. 674 diesel, remote hyd., good rubber, excellent condition. Ph. 717-949-3074 after 7 P.M.

For Sale - MF 300 combine, 1975 model, 2 row corn head, 38" with grain head, 10 ft. Perry Co. 717-789-4302.

Wanted - 3 point back hoe attach. #3062, series A International, new or used. Box 223-C, Kinzers, Pa. 17535.

For Sale - Shultz deep tiller chisel plow, good condition, used 2 seasons, 215-346-7065.

FARM EQUIPMENT

For Sale - Sprout-Waldron custom mix molasses mixer with 10 hp. 3 phase motor and 2 hp. pump motor, must sell. 215-593-5195.

For Sale - Gandy applicators and fertilizer spreaders. Gideon F. Stoltzfus, RD 2, Gap, PA 17527. 2 miles North of Gap along 897.

For Sale - L Gleaner combine, 15' grain head, 6-row head. Ph. 717-244-1124.

Dismantling for parts
AC-HD-7G, good parts available
Wisconsin VE4 hand crank & gear reduction ... $350.00
Used & New Parts available for Cat. A.C., IHC & other crawler tractors.
Vilsmeier Equipment Inc.
Route 309
Montgomeryville, Pa., 18936
Phone: 215-699-3533

Tractors For Sale - IHC - A w/plow, cultivator, disc. IHC - BN w/cultivators & sickle bar mower. IHC #200 w/fast hitch, 2 B plow, cultivators. Front mount sawbucks for tractors. 717-687-6553.

For Sale - Approx. 200 linier ft. 9" vinyl elevator belt with buckets, must sell. 215-593-5195.

For Sale - NH model 283 Baler with hyd. density control. 609-769-3443, or 609-769-0336 after 7 p.m.

For Sale - Robinson 1 ton vertical batch feed mixer with 7½ hp. 3 phase motor and elevator, must sell. 215-593-5195.

For Sale - Robinson hammer mill, 12" with 40 hp. 3 phase motor and nickle ear corn crusher, feeder complete, must sell 215-593-5195.

NEW AC
CORN PLANTERS
ON HAND
CLEARANCE SALE

NEW TRACTORS
AC 7040 diesel, PS
AC 7580 4 wheel drive
AC 7000 diesel, PS
AC 185 diesel
USED TRACTORS
Massey Harris T020
384 Leyland diesel
AC D-14
AC 7000
IH M
NEW COMBINES
AC K-2 w/heads
USED COMBINES
704 Uni-System w/combine
MF 300 combine
IH 303 combine w/heads
(1) AC K combine w/heads
Int. 203 w/heads
IH 91
USED EQUIPMENT
658 Int. corn planter
AC 6-row no till corn planter w/monitor
AC 5 bottom spring trip plow
NI 326 husker unit
GT 570 grain dryer
NI 729A sheller attachment
NI 728 corn head
JD #18 1-row corn picker
• DEFERRAL OF FINANCE ON NEW TRACTORS Till March 1, 1979, COMBINES Till June 1, 1979

Sunflower Disc Harrows

MECKLEY'S DALMATIA
(717) 758-3915
Herndon, PA

FARM EQUIPMENT

For Sale - 2 Harvestore silos, 2 milk tanks. 301-578-9868.

For Sale - New Holland #38 Flail Chopper, chopped 25 loads (bought stacker), $3200; 301-829-0271 or 301-829-0868.

For Sale - Motor for IHC cub tractor and power units with clutch reduction, AC, IHC, WISC. 717-687-6553.

For Sale - JD 60 Tractor w/mower $1400.00. MF 202 loader tractor 1500 hr. Excellent Condition $4000.00. Ph: 215-253-0904.

Wanted - IH F-706 diesel fast hitch. Jim Karat, 86 S. Main St., Warehouse Point, Conn. 06088. 203-623-5887.

For Sale - Gasket sets for 10-20, F14, W30, WK40 & John Deere D & G. Others available. Ben J. Kinsinger, Meyersdale, Pa. 15552.

New Gorman Rupp irrigation pump powered by Wisconsin 2 cylinder air cooled gasoline engine, Model 53M2-TJD. 301-335-3240.

JD 2440 Tractor w/146 ldr., 600 hrs.
1972 IH 2500A, 1400 hrs.
(2) 1977 NH 479 Haybine
JD 483 Haybine
NI 272 Cut-ditioner
1978 NH 1032 Stack wagon
NH 430 Baler
(2) 5' Rotary mowers
1977 Transcraft 42', 35 ton drop flat trailer
Call After 5 P.M.
302-239-7973

FARM EQUIPMENT

For Sale - 1972 JD 4020 diesel, WFE, dual hydraulic, PS, roll guard, new rubber, 2600 hrs., good condition $10,500. 717-532-8601.

For Sale - Int. 2000 loader with big bucket and external pump. 717-354-0879.

For Sale - (1) 8' Hutchmaster offset disc; (1) 12' Hutchmaster offset disc. 215-286-9118.

For Sale - IH 1456 good running condition, Lancaster Co. 717-284-2761.

Used Equipment
No. 400 IH 6-row corn planter, double disk opener, Midwest harrow attach., insecticide hoppers.
IH No. 700 7 bottom 16" moldboard plow, on the land hitch.
No. 340 IH tricycle tractor, 2 pt. fast hitch, good cond.
MD IH tractor
No. 710 IH 6 furrow moldboard plow, 18" bottoms.
New Equipment
No. 10 IH flail chopper
IH No. 550 manure spreader
IH No. 540 manure spreader

MECKLEY/DALMATIA
Dalmatia 758-3021
758-6491

FARM EQUIPMENT

TRACTOR & MOTOR REPAIRS
Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery
WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone: 717-786-2252

Ford 9600
Ford 8N
AC 185 diesel w/cab
AC 160 diesel w/loader
Farmall 560 (sharp)
MF 35
Oliver 1950 diesel
CLOSED SUNDAYS
NORMAN R. SHORES TRACTOR SALES
R.D. 5, Towanda, PA
717-265-9014

USED TRACTORS
(3) AC 190XT Diesels
IH 444 w/loader
JD 4320
JD 4020 Dsl. Power Shift
JD 2010 Crawler Dozer
JD 1520
JD 1020 w/loader
JD 630 w/WFE & 3 pt.
Farmall 706D
Ford 881 w/loader
USED EQUIPMENT
NH 6' Flail Chopper
New Fert. Spreaders
New Gravity Bins
SAYLER'S FARM SERVICE
Garrett, PA 15542
814-634-5034

FARM EQUIPMENT

USED MOWERS
USED CHAIN SAWS
Phone:
717-733-9174

Ford 9600
Ford 8N
AC 185 diesel w/cab
AC 160 diesel w/loader
Farmall 560 (sharp)
MF 35
Oliver 1850 diesel
CLOSED SUNDAYS
NORMAN R. SHORES TRACTOR SALES
R.D. 5, Towanda, PA
717-265-9014

case

John Deere 3010 Diesel Tractor, nice shape, good condition
John Deere 720 Diesel Tractor, electric start, WFE
New Owatonna Windrower, Used about 25 to 50 acres.
Roterra 12' used about 50 acres, less than 6 mos. old
Brillion Cultimulcher, excellent condition
C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

LANCASTER SILO CO., INC.

"LANCASTER"
CONCRETE STAVE
FARM SILO'S

2008 Horseshoe Road - 2436 Creek Hill Road
LANCASTER, PA 17601

"LANCASTER"
BELT FEEDERS
TAPER BOARD FEEDERS
DOUBLE-CHAIN CONVEYORS

MANUFACTURER & BUILDER OF QUALITY WET-CAST CONCRETE STAVE FARM SILOS

NOW IS THE TIME TO INQUIRE ABOUT SAVINGS ON SILOS FOR NEXT YEAR.
EARLY DELIVERY DISCOUNT—
CASH WITH ORDER DISCOUNT—

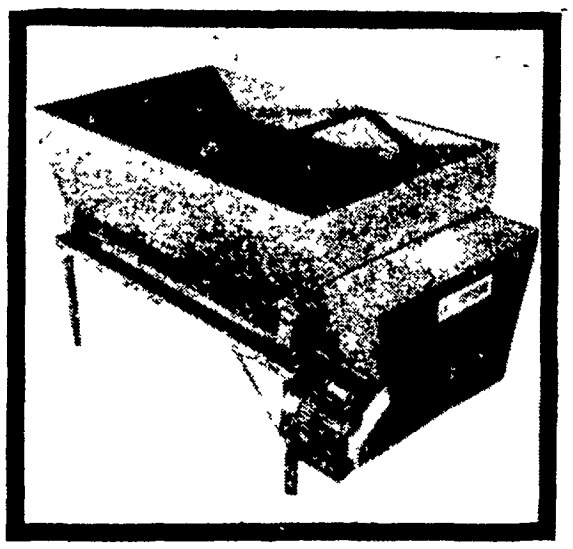
CHECK OUR QUALITY ITEMS AVAILABLE ON ALL LANCASTER CONCRETE STAVE FARM SILOS

CORRUGATED 3" WET-CAST STAVES
HI-STRENGTH 9/16" DICHROMATE RODS
ALUMINIZED STEEL ROOF & DORMERS
STAVE OR ALUMINIZED STEEL CHUTE
SMOOTH, HEAVY COAT INTERIOR PLASTER

WORK DONE WITH EXPERIENCED SILO CREWS WHO WORK AT SILO COMPANY ALL YEAR.

WHEN YOU NEED A SILO-CHECK OUR PRODUCT.

SUPREME BATCH MIXER



Heavy duty mixing augers mix feed quietly and efficiently in minutes. Speeds feeding where several batches are required in the operation. 75 & 95 C.F. sizes.

DECEMBER SPECIAL:
LIST - LESS 20% CASH F.O.B. OUR WAREHOUSE

FOR DETAILS - PLEASE CONTACT:
KEN GROFF — Home 687-6668, Office 299-3723
LARRY HIESTAND — Office 299-3721, 299-3722

FARM EQUIPMENT

USED EQUIPMENT

Tractors:
JD 1020 diesel
JD 530
JD 4320 diesel
JD 50
Nuffield 1060
JD B w/snow plow
Oliver 70
Ford 8N

Tillage Equipment:
Oliver 565 4 btm. plow
Brillion 10' cultimulcher
New Athens disk
New soil master
JD 45 2 btm. plow (like new)

Harvesting Equipment:
McCormick 650 harvester w/2 heads
New Holland 880 harvester w/pickup
New Idea 325 2 row picker sheller
JD 24T baler w/thrower
JD 483 mower conditioner
McCormick 56 blower

Misc. Equipment:
JD elevator w/motor
JD 16-8 double disk drill
JD 17-7 single disk drill
JD 300 elevator w/gas engine
Wetmore grinder blower (new)
5' 3 pt. brush rotary mower
Sauder manure loader

YEAR END SPECIAL ON NEW EQUIPMENT
Badger Forage Wagon w/tandem gear & roof
$4495.00
Badger Blower
$1295.00

PIKEVILLE EQUIPMENT, INC.
R.D. 2
Oley, PA
Phone: 215-987-6277
Serving the Oley Valley 41 Years.

NEW IDEA FARM EQUIPMENT

USED TRACTORS:
JD "MT"
"A" Farmall with Cult & Plow
AC D14
AC 160 Diesel
AC 190 Diesel

RECONDITIONED COMBINES:
F Gleaner with 10' grain head & 330 cornhead
G Gleaner with 13' grain head & 440 cornhead
Late Model 300 Massey with 10' grain head & 330 cornhead

USED CORNPICKERS:
NI 324 Gathering Unit with 8 row husking bed
NI 311 2-row Picker with 8 row husking bed
NI 310 Single Row Picker

USED UNI-EQUIP:
702 Uni-Tractor, diesel
727 Husking Unit
726 Husking Unit

MISC. USED EQUIP:
MF No 15 Grinder Mixer
JD No 38 Harvester with 2 row wide cornhead
Case 1537 Skid Steer Loader
Int 101 Combine with 10' grain head & 2-row cornhead
Badger Forage Blower
Dunham 10' Transport Disk
NI 214 Manure Spreader, 3 beater
NI 206 Ground Drive Manure Spreader

ALLIS-CHALMERS

SHARTLESVILLE FARM SERVICE
RD1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

FARM EQUIPMENT

case

MF Model 175 Tractor w/loader, real nice
NH 479 Haybine, real nice.
NH 790 Manure Spreader, good cond. $2,395.
NH 975 Combine w/cab, 3R narrow, 2R reg. & 13' grain heads, fair condition.

Paul Shover's Inc.
35 East Willow Street
Carlisle, PA
717-243-2686

NEW EQUIPMENT
WHITE - 2-180 Tractor
2-105 Tractor w/cab
2-85 Tractor
2-70 Tractor
2-60 Tractor

GEHL -
MC 1090 Mower Conditioner
920 Forage Box
FC72 Flail Chopper

NEW IDEA -
272 Cutditioner
323 Corn Picker
218 Spreader

USED EQUIPMENT
26 Ft. Elevator
Oliver 1850 Diesel
Allis 5040 Tractor
MF 165 Tractor
NI No. 10 Picker
Int. 56 Blower
NI No. 26 Blower
Oliver No. 26 Superior Grain Drill
Woods 5' 3 pt. Hookup Rotary Mower

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

Tractors Farmall 1468-856-1206-656-460-350-240 & Cubs. Ford 9000-8000-7000-6000-4000. Case 1030-1070-1200-4 wheel Drive, 930-830-730-630. Oliver 2150-1950-1850-1355-1650 1800 & 880. Plows-Rollover, Semi-mount, 3 Pt, Fast Hitch & Trailer type. Tillage-Cultipackers, Rotovators, Chisel Plows, Cultimulchers & Spring Harrows. Disc Harrows-Transport, 3 Pt., Off set and Drag Type. Spreaders-PTO, Ground drive, & Liquid type. Potato Planters 1 and 2 Row. Cultivators-1-6row 2 and 3 Point, Lilliston & Rolling. Corn Planters 2-4-6 Row. Hay Tools-Balers, Rakes, Haybines, Cutditioners, Choppers, Mowers, Crimpers, Tedders & Elevators. Transplanters 1 & 2 row. Grain Drills. Harvesters, Forage Wagons, Blowers, Grinder Mixers, Mowers-Rotary, Flail & Sickle. Skid Loaders, 3 Point Backhoes, Trenchers, Log Loaders, Wood Saws, Wood Chippers, Tractors with Loaders & Backhoes. Pay Loaders, Fork Lifts, Snow Blowers, 2 Plow Blades, Cement Mixers and Lots more Equipment not listed. Hundreds of Tractors to choose from.

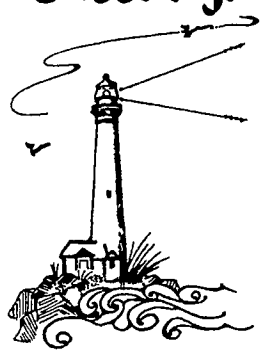
CLYDE E. KEENER
Intersection of
Rts. 72 & 283
Lancaster, Pa. 17601
Phone: 717-569-9861

FARM EQUIPMENT

BULLDOZERS
Int. model TD 9 dozer, 10' outside mount blade, diesel engine, serial # 92-9148, very good cond., $6900.
Oliver model #0012-60-L-3 dozer, 8' outside mount blade, cab, diesel, serial #526ST, good cond., $2900.

RAYMOND SMITH
609-428-7700

Season's Greetings



May good fortune guide you to happiness in 1979!

AUTHORIZED
SPERRY NEW HOLLAND
PARTS and SERVICE

1 USED PT10 HESSTON 9' HAYBINE
Good Condition
JOHN DEERE 6' Crop Chopper
NH 352 GRINDER-MIXER
$1,450.00

Paul Shover's Inc.
Loysville, PA
717-789-3117

HAYBINES
(6) Used NH's *

COMBINES
1977 White 8600
AC C-II, 4-row Corn Head & 13' Grain Head *

HARVESTERS
New Holland 616, 717, 818, 880
IHC 55, 350
All with corn heads and grass heads

TRACTORS
Case 1070
Oliver S77 Dsl. w/2-row NI picker
Oliver 880D, 550, 88, 77
MH 30
Farmall Super C
Farmall C

PLOWS
Oliver 4 & 5 Bottom Semi Mounted

GRINDER-MIXERS
Papec
Oliver
Owatonna 424
$1500 to $1900

SPREADERS
All Sizes Tank & Box Spreaders
Also
Used NH Forage Boxes

* Free Finance on New Holland New & Used Equipment Till May 1, or Sept. 1, 1979

SHEETS BROS.
Massey Ferguson
New Holland, White
1061 Carlisle St.
Hanover, Penna.
717-632-3660

FARM EQUIPMENT

BEST WISHES

Let your home be blessed with good health and happiness throughout the year.

SHOTZBERGER'S EQUIPMENT
Elm, PA
717-665-2141

FOR SALE
NI 212 3 beater spreader w/hyd. end gate, nice cond. $1450
NI #213 single beater spreader $950
Leyland 272 tractor, turbo, 85 PTO hp., 1250 hrs., A-1 cond. $8300
Leyland 270 tractor, turbo, 85 PTO hp., good cond. $7400
Landoll Model 275 Soilmaster 9 spring shank $2900
Model F-19 Farmhand loader for JD 2010 mounting $350
Set of dual wheels 18.4x30 rubber. $400
60" Dion Snow Blower $610 SOLD

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

MF Massey Ferguson

USED EQUIPMENT
Farmall MD
JD A
JD 555 Plow
AC WD 45 Tractor
MF 65
MF 81 Haytender
MF 300 Combine
MF 510 Combine
MF 63 Cornhead
MF 55 Plows
MH 33 Tractor
MH 101 JR Tractor
Ontario Grain Drills
JD Grain Drill
IH 205 Combine
Used Hay Tedders
Used Elevator
Used Manure Spreaders
NI #7 Picker
2 Harley-Davidson Motorcycles

NEW EQUIPMENT
MF 255 Tractor
MF 275 Tractor
MF 1085 Tractor
MF Balers
MF 520 Disc
MF 33 Drill
MF 15 Grinder Mixer
MF 285 Tractor
MF 750 Combine
MF 82 Plow
NI 177 Elevator
NI Pickers
NI 206 Manure Spreader
NI 213 Manure Spreader
NI 109 Fertilizer Spreader

N. H. FLICKER & SONS, INC.
Box 68
Maxatawny, PA 19538
215-683-7252

FARM EQUIPMENT

Happiness, health . . . love and peace. That's what the New Year celebration is all about. Thanks, all.

CFH, Inc.
East Main Street
Cecilton, Md. 21913
(301) 275-2195

SPERRY NEW HOLLAND
NEW IDEA
Badger
HESSTON FARM EQUIPMENT

ALLIS-CHALMERS 5050 DEMONSTRATOR
with just 20 hours
- Protective frame and canopy
- Power adjust wheels
- 16.9 rear tires
- 12 speed
- 50 hp with completely independent PTO

FULL WARRANTY
$8900
Free Finance and Deferred Payment till March 1, 1979

HUTTON FARM EQUIPMENT
R.D. 2 Mahaffey, PA
15757
814-277-5504

Make '79 the best ever! All of us wish all of you the happiest holiday.

FIELD QUEEN
1190 Enterprise Road
East Petersburg, Pa.
Lancaster Co. 17520

SEASON'S GREETINGS

USED EQUIPMENT
NH 68 baler; NH 56 & 55 hay rakes; (1) NH 455 & (3) 450 mowers; John Deere KBA discs, (1) transport, (6) pull type; Oliver 2 B pull type plows; Oliver & IHC 2 way plows; MC 7 ft. rotary scythe; Nicholson hay tedder; NI 751 & 752 hay crushers; Wisconsin engines, 2 cylinder & 4 cylinder w/clutch reduction; AC-B power units w/clutch reduction.

Thomas J. Wheary & Son
717-687-6553

FARM EQUIPMENT

USED EQUIPMENT
IHC 150 PTO Spreader
Sauder Loader
AC 7000 Tractor w/cab, 1100 hrs. good cond.
Farmall 460 Gas Tractor
Farmall 450 Diesel Tractor

(2) New 16.9-30, 6 Ply Rear TRACTOR TIRES SPECIAL PRICE $190.00 each

COPE & WEAVER CO.
New Providence
717-786-7351

FLAIL CHOPPERS
Brady 144"
Brady 6'

TRACTORS

IH 450	Oliver 1650
IH 350	JD 4010
IH 544	JD 2010
IH 340	JD 3010
IH 300	JD A
IH 606	JD B
IH 806D	

MISC.
AC 6 row Air Planter
Fox Blower 52"
IH Blower 56"
Hesston 30 Stacker
Hesston 30 Mower
Hesston Hydro Swing
IH Disc Harrow

GRUMELLI FARM SERVICE
Quarryville
Phone 786-7318

PATZ SALES & SERVICE

SEE US FOR
- Barn Cleaners
- Silo Unloaders
- Tank Spreaders
- Conveyors and Feeders

LANDIS & ESBENSHADE
RD #2, Box 283
Quarryville, Pa.
Call Jim at
786-4158

INDUSTRIAL EQUIPMENT

case

CASE BACKHOES
580B w/cab $13,500.
580 w/cab $9,500. as is
530, rebuilt engine, $6,500.
Also
Ford 4000 Backhoe $4,000.
Case 1816 Uni Loader $2,900.
Case 450 Crawler Loader - Demo with warranty $24,500.

T & T SUPPLY, INC.
RD #5, Danville, PA
17821
Ph: (717) 275-0927

FORRESTER BROS. FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
We Service What We Sell.

JD 4320
5 JD 4020 3 w/cabs
JD 4010
JD 3120 cab
2 JD 2120 1 w/cab
4 JD 2020 1 w/loader, 2 w/cabs
JD 1020
Ford 9600
2 Ford 8600
3 Ford 8000
2 Ford 6700
4 Ford 5000
3 Ford 4000
3 Ford 3000
Ford Roadless 95 4 wd.
Ford Roadless 65 4 wd.
Int. 966 w/cab
Int. 674 w/cab
Int. 574 w/cab
Int. Farmall H
MF 175
Ferguson 35
David Brown 1200 w/loader

Field Ready Tractors.

Happy New Year

FOR SALE

Tractors

IH 560 diesel loaded, new tires & paint
IH 400 gas
Farmall Super M
IH MTA diesel, loaded
Farmall H
Massey Pony New Plow cult. & 2 row score

Tractors For Parts

Farmall M gas & diesel
Farmall H, Super C, F14, Ford 860
IH TD6 Dozer diesel (M Motor) winch
D17 Allis w/wide front end
3 Oliver 70, Vac Case
Ford 8N rear end, wheels & tires most sizes

Miscellaneous

Hesston 12' self propelled haybine, clean
IH 430 baler less than 2000 bales
IH 1 PR picker
Oliver picker, 2 row
Woods picker, 1 row
Sauder loader
AC loader
Sauder snow blade
IH spreader
Coby spreader
New Holland spreader
New Idea spreader, single beater
12' JD harrow
Wheel disks
Plows
Haybines
Rakes mowers

Combines

Massey 510 diesel, 2 heads
Gleaner F gas, 2 heads
Gleaner EIII, grain head
Gleaner A, 2 heads

Pickers For Parts

New Idea 305, No. 7 AC
IH 2 MH, 2 ME, 1 PR
JD 226, 227, GI, Woods
Ford 2 row mtd. 3 pt.

Combines For Parts

Gleaner C II, pull type. Massey 82, 92, 80, 90, 26, 27, 35. Clipper, IH 303, 151, 101, 125, 127, 52, 76, 64. Ford Sp & Pull type, Woods, Oliver, Clazy, SP, Case, AC.

KEITER'S FARM MACHINERY

R.D. #1 Halifax, PA 17032 Rt. 225 20 mi. from Hbg.
Phone: 717-362-9574 or 362-9096

FARM EQUIPMENT

LUCKNOW SNOWBLOWERS

Model	Width	HP	Cost
S-6	78"	30 Min	$ 975
S-7	84"	35	1100
D-7	84"	40-50	1350
D-75	90"	75-150	1750
D-85	102"	75-150	1950

LOWER IMPLEMENT SALES
Delivery Available
Evans City, Pa.
(412) 538-5995

SERVICE & REPAIRS
For Allis Chalmers, New Holland, Starline, VanDale, and other farm equipment.

N.H. NEW EQUIPMENT
365 & 679 Manure Spreaders
718 & 770 Fg. Harvesters.
Haybines
14, 230, 234 & 238 Wagons
#8 Forage Boxes
Pickup Head 770
28 Blower
Balers & Rakes
845 & 850 Round Balers

N.H. USED EQUIPMENT
516 T Spreader
330 T spreader
S68 Baler w/thrower
461 & 469 Haybines
890 Fg. Harv. w/2R Head
33 Flail Chopper
Flail Att. for Baler
717 Forage Harvester w/2 row heads

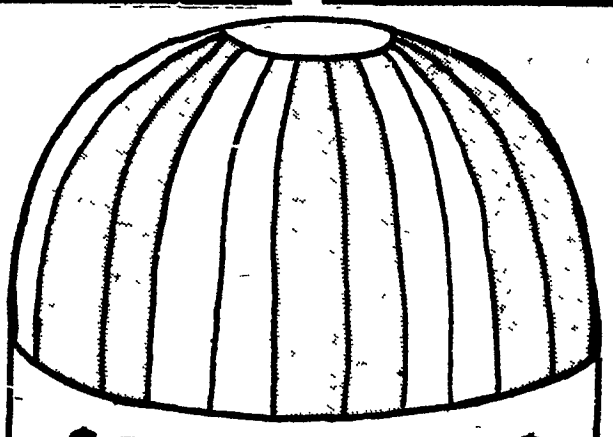
MISC. USED EQUIPMENT
Leyland 344 Tractor w/loader
7' Graham Plow
IHC Baler w/thrower 1 yr. old
IHC 130 bu. Spreader
NI 218 Spreader Tandem Axle w/hyd. endgate
McCormick #40 Spreader
JD #5 Mounted Mower
Rear Unload wagon

Also Dealer For
Pequea Tedders &
Zimmerman Elevators

ROYAL BRUBAKER SALES • SERVICE

Phone:
717-626-7766
700 Woodcrest Avenue
RD3, Lititz, PA

FARM EQUIPMENT



$ Buy Now & Save $

The company from Perry County who manufacture & build their own silos, using the best in materials & experienced crew. To satisfy customers plus insures quality built silos. (Staves are wet cast & vibrated concrete).

STOP & VISIT US AT THE PENNA. FARM SHOW SPACES E811 & E812

NEGLEY & MILLER SILOS

Plant: Rt. 1, Box 93,
Shermans Dale, PA 17090
Ph: 717-582-4108
Sales: Rose Pollock
Home Ph: 717-834-4838

BALDOR ELECTRIC MOTORS

Warehouse and Factory Service.
For Service Call 717-354-5566.
BALDWIN ELECTRIC MOTOR DIVISION, INC.
Box 232
Honey Brook, PA

HYDRAULIC REPAIRS
CYLINDERS • JACKS
PUMPS • PALLET TRUCKS

Custom Made Log Splitters.
BEARTOWN HYDRAULICS
New and Used Equipment
Narvon, PA
Rt. 322 Midway between Honey Brook & Blue Ball
Phone 717-354-5649

FARM EQUIPMENT

JOHN DEERE

NEW COMBINES
JD 6600 Side Hill

USED COMBINES
JD 45
Gleaner C II

NEW TRACTORS
JD 2640
JD 2840

USED TRACTORS
AC C
AC WD
Farmall H
Farmall M
JD A
JD B
JD 50
JD 520
JD 720 D
JD 1020
JD 1520
JD 2010
JD 3010
JD 3020
MF 65 D

Now is the Time - Waiver of interest on New and Used Tractors.

MILLER'S SALES & SERVICE, INC.
West Penna. Ave.
on Highway 851
Stewartstown, Pa.
717-993-2470
or 993-2732

WHITE Farm Equipment

NEW EQUIPMENT
White 2-105 w/cab
White 2-85
White 2-70
White 2-60
White 2-50
Glencoe Soil Savers, SS5, SS7, SS9
Amco Heavy Duty 18 ft. wing disk
New NI Spreaders in stock 212, 213, 214
NI 708 Uni System
Hawk Bilt 257 Spreader
Hawk Bilt 2200 Liquid Spreader

USED EQUIPMENT
IH 2500A Industrial
Farmall H & M
Ford 8N w/loader
AC WD
Oliver 1850
Oliver 880 Diesel
Fox SPF Super-D Harvester
12 ft. Offset Hutchmaster
NI 729A Sheller
18 ft. Bush Hog Hyd. wing Disc
NI 305 mtd. Picker
JD 227 Mtd. Picker
6" x 50' Case Auger
41' Kewanee Elevator
NH 27 Blower
JD 18' Wing Disc
Athens 7' Chisel Plow
AC 10' Disc Harrow
Brillion 18' Spring Harrow
JD 15' Spring Harrow
Artsway 750A Silo-Mix
Dion Forage Wagon, 3 btr. & roof
JD 16A Flail Chopper
Bearcat 72A Flail Chopper
Hesston Stakhand 30
20' Hay feeder wagon
NI Manure Spreaders 212, 213, 214

STOLTZFUS FARM SERVICE
Cochranville, Pa.
215-593-2407

SCHAEFFERSTOWN EQUIPMENT CO.

SCHAEFFERSTOWN, PA
½ Mile N. of Schaefferstown on Rt. 419
Phone 717-949-6529
Ask for Lee or Ralph

HOURS: Mon. thru Fri.
7:30 A.M. to 7:30 P.M.
Sat. 7:30 to 12:00 Noon
Evenings by appointment only

CRAWLER LOADERS

Cat 941	$16,500
AC HD5	$3500
(2) AC HD6G	ea. $7500
AC HD5 w/winch	$4500
AC HD 7G w/ripper A-1 cond.	$9500
IH TD6	$6500
IH TD340 Diesel, 4-1 bucket	$6500
IH 175	$12,500
(2) JD 2010	ea. $6000
JD 350 Dsl.	$8500
JD 440	$3850
(2) JD 450	ea. $12,500
Case 450 Diesel	$8000
Cat 6 Loader	$5500
Cat 6 Loader	$3500

CRAWLER DOZERS

Cat D6 8U model angle blade	$5500
Cat D6 9U	$8500
Cat D8 Hyd. 2U Series	$8500
Case 750 Hyd Tilt	$6500

BACKHOE LOADERS

IH 3800 4 wheel drive	$8500
(2) Case 580CK w/cab	ea. $8500
Case 310 Gas	$3750
3414 Diesel	$6500
JD 2010 w/cab - sharp	$6500

TRUCKS

1966 Ford 10 wheeler	$5500
1969 Ford 10 Wheeler, gas, alum. dump	$7500
1971 GMC Cattle Truck	$3000
1972 Cadillac Eldorado Conv., Classic	$4500

RUBBER TIRED PAY LOADERS

Huff HM, Gas w/cab, Sharp!	$5500
Mich. 125 Cummings Dsl. engine	$8500
Mich. 175 Series 2, 4 Yard Bucket	$13,500
Mich. 125 Cummings Dsl. w/cab	$8000

TRAILERS

CMI trailer, drop deck, folding gooseneck	$13,500

FORKLIFTS

Clark 6000 lb.	$4500

GRADERS

Gallion 118 full hydraulic	$6500
Huber Maintainer	$2250
Huber Wargo Diesel w/Cab	$6500
Cat 212 w/cab	$7500

SKID STEER LOADER

Melroe Bobcat 440	$3500 or best offer

ROLLERS

1½ to 5 ton General Vibratory	$2000

WE BUY USED EQUIPMENT

LET OUR 30 YEARS EXPERIENCE WORK FOR YOU

NEW IDEA · OMC · SUNFLOWER · LELY · Badger · WALSH · FOX · BRADY

NEW YEAR'S SPECIALS ON USED EQUIPMENT

	Regular	SALE PRICE	SAVINGS
Farmall M Tractor	$1775	$1223	$ 552
Ford 871 Tractor	3275	1895	1380
AC 5B Plow, Auto	1300	975	325
8 ft. Disc	225	145	80
IH 56 4R Planter w/monitor & Gandy	2675	1947	728
MF 4 Row Planter	975	789	186
NH 67 Baler w/thrower	1465	723	742
IH 37 Baler	1975	889	1086
Fox Pickup	695	373	322
Fox 2 Row Head	975	569	406
IH 550 Forage Harvester	1195	189	1006
NI 702 Uni	6995	4369	2626
NI 760 Forage Harvester	4375	1575	2800
NH 331 Manure Spreader	975	595	380
NI 202 Manure Spreader	890	649	241
NI 212 Manure Spreader	980	393	587
JD Sprayer 300 gal	670	395	275
18 4-34 Dual Wheels w/tires	771	395	376
NI Elec Mower 12 H P	995	363	632
Ariens 7 H.P Mower	495	198	297
Case 155 10 H P. Mower	996	549	447
MF 12 H P Riding Mower	975	699	276

USED EQUIPMENT

IH 656 Dsl Utility Tractor w/cab
IH 2 PR Corn Picker
JD 4000 Tractor w/dual wheels
12' Hesston Hydro Swing Windrower 1½ yrs old
Oliver #8T pull type Combine
IH 225 SP Windrower

2% CASH DISCOUNT ON PARTS

The Place to Buy New and Used Equipment.

CHAMBERSBURG FARM SERVICE, INC.

975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

FARM EQUIPMENT

JD 494A 4 row planter $675 - $1075
Small NI #18 manure spreader, clean
McCormick 82 combine
David Brown 1200
Farmall 656
Farmall 560
JD 3020
MF 82 Combine
JD 720 diesel
Deutz 6006
Farmall A w/cultivator
JD 420
JD 430
JD G
JD 60
MF 165
JD 4020 side console
Farmall 130 high clear w/cultivator
MF 135
Case 830 Comfort King

ELMER GOCKLEY
Reinholds, RD 1
215-267-3281

FARM EQUIPMENT

USED EQUIPMENT FOR SALE
A.C 655 Crawler Loader
Roan Tree Shearer
John Deere 50
Allis Chalmers W D.
Mitey Mac Skid Loader
New Holland 404 Conditioner
John Deere 485 Mower Conditioner
New Owatonna Skid Loaders

AUMILLER'S SALES AND SERVICE
Box 63 R.D. #1
Milroy, Pa. 17063
Phone: 717-667-2115

It Is Our Most Sincere Wish To Thank Our Old & New Friends For Their Patronage In 1978.

We are looking forward to serving your needs in the New Year of 1979. Again, it is our sincere wish that each and everyone has a most happy and prosperous New Year.

From The Crew At

L.H. BRUBAKER INC.
350 STRASBURG PIKE LANCASTER, PA

FARM EQUIPMENT

TRACTORS
JD 2440 w/roll bar, canopy, weights, only 310 hrs.
Farmall C w/fast hitch, new tires, weights, plow, disc, mower, cultivator and corn planter "Real Nice"
Farmall Cub w/fast hitch and loader
Ford 1600 D w/100 hrs.
Ford 9N w/loader
Ford 4500 w/loader and hoe
Ford 3500 w/loader wgt. box
Ford 850 w/snow plow
Ford 640 w/snow plow
Ford Jubilee, original, nice

KELLER'S FARM MACHINERY, INC.
116 Richlandtown Pike
Quakertown, PA 18951
215-536-4046

FARM EQUIPMENT

MM G1000 Diesel
David Brown 1210 4 wd. w/loader - $8800. extra good cond.
White 1975 7300 Diesel Combine w/13 ft. soybean head
NH 975 diesel combine 11 ft. grain table & 2 row corn head
New MF 750 combines
New MF 550 & 540 combines now in stock
Used 510 combines in stock
Used MF 410
New model 120 Woods rotary mower
New C114 Woods 9½ ft.
AC 14 ft. self-unloading forage box
JD 34 choppers with heads $2275
JD 747 12 ft. rotary $1295
JD BWF 12 ft. transport disc $1195
IH 50 Forage Harvester w/2 row corn head
Oliver 251 10 ft. 11 in. disc $995
New 21 ft. Pitman 3 axle trailer $2975
New model 58 MF rotary mower $595
Don't Cuss - Call Gus

GUS FARM EQUIPMENT, INC.
Intersection 214 & 616
Seven Valleys, PA
PH: 717-428-1967

FARM EQUIPMENT

SPERRY NEW HOLLAND

USED EQUIPMENT
Farmhand Grinder-Mixer
AC 5-B Auto Reset Plow
AC 14 ft. Transport Disc
NH 717 Forage Harvester w/2-row Head & Pickup
Several Used Harvesters

USED TRACTORS
AC B w/plow & cultivator
AC 180

NEW EQUIPMENT
NEW HOLLAND MANURE SPREADERS
NH L-35 Skid Loader
10 ft. Miller Disk
AC Gleaner Combine Model M2
Hub Tool Elevators formerly N.H.

NEW TRACTORS
AC 7045 AC 530
AC 7000 AC 185
AC 5050

NEW YANMAR 2 Cyl Diesel Tractors In Stock

BHM FARM EQUIPMENT INC.
RD1, Annville, PA
717-867-2211

FARM EQUIPMENT

DEUTZ

D9006 Deutz tractor - rebuilt
Deutz Diesel F4L-912, Like New, 65 H.P.@ 2300 RPM. New Warranty. $3000.00
Deutz Engine Crank case heaters 115 volt $25.00
Rebuilt 444 Bobcat loader $4175
New Hesston 7020 harvester
100 H.P. capy. $3125.00 B.U.
1 row C.H. $1045.00
2 row C.H. $1550.00
New Papec Harvester with revolving stone knive grinder
Rebuilt Deutz F1L-712 Diesel 10 H.P. @ 1800 R.P.M. 6 mo. or 1000 hr. warranty. $1050.00 clutch $125.00 extra.
F1L-612 Deutz Diesel 10 h.p. @ 1800 R.P.M. with fuel tank & clutch, overhauled - low hrs. $700.00.
Used Petter PJ-1, 10 H.P. diesel $250.00
New Deutz F2L-912 diesel engines 20-32 H.P. electric start.
Custom-Built diesel Gen-Sets made to customer order.
New & Used Deutz diesel engines at special prices. Call for details.

STAUFFER DIESEL, INC.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

USED EQUIPMENT

TRACTORS
- Oliver 1650
- Int 1456 4-Wh. Drive
- JD 40 Tractor with Cultivator
- MF 1100
- Case 1030
- Case 830 Tractor

LOADERS
- Case 1737 Skid Loader
- Case 1740 UniLoader
- Case 1537 UniLoader

TILLAGE
- JD Disc Harrow
- MF 3-Bot. 2-Way Plow
- Case Disc Harrow
- Case 4-Bot. Semi Mtd Plow
- Case 4-Bot 18" Plow
- MF 5-Bot. Plow, Semi
- Used Cultipacker

HARVESTING EQUIPMENT
- Gehl Self Unloading Wagon
- IH 2PR 2-Row Picker
- Fox 2-Row Harvester
- Ford 602 2-Row Mtd. Picker
- NI Unisystem - 705 Tractor
- NI Unisystem - 702 Tractor, 710 Combine & 760 Harvester
- Oliver 430 Combine
- IH 55 Harvester
- Case 300 Harvester
- Case V-12 Shredder
- Hesston 2000-100 Harvester

HAY EQUIPMENT
- Case 555 Windrower
- Case 650 Self Propelled Windrower
- NI 290 Mowditioner

MISCELLANEOUS
- Ford 4-Row Corn Planter
- JD 2-Row Planter
- 10 Used Spreaders

NEW IDEA

SPECIAL ON ANTI FREEZE AND GRAVITY BINS

case

ZIMMERMAN'S FARM SERVICE
Bethel, PA
Phone 717-933-4114

JOHN DEERE

JD 4430 Tractor w/dual wheels
JD 4230 Tractor
JD 4020 NF Tractor
JD 4020 WF Tractor
JD 3020 Tractor
JD 2020 Tractor
JD 2010 Diesel Tractor
JD 1020 Tractor
JD 60 Tractor
JD 60 Tractor
IH 886 Tractor
JD 716 Chuck Wagon
JD 494A Corn Planter
JD 1240 Corn Planter w/plateless units
JD 1240 Corn Planter w/plateless units
JD 1440 Corn Planter
JD 3800 Chopper w/2 row corn hd.
JD 3800 Chopper w/2 row corn hd.
JD 34 Chopper w/corn head
JD 3300 Combine w/platform & 2-row corn head
JD 105 Combine w/platform, 4 & 6 row corn hds.
JD 214 Baler w/thrower
JD 24T Baler w/thrower
JD 14T Wire Tie Baler
Hesston 5800 Round Baler, like new
JD 115 Chuck Wagon w/roof
Ford Disc on transport
JD 640 Rake
JD 220 Disc
JD FBB Grain Drill
NI 1-row Corn Picker
JD 227 Corn Picker
Allied 41' Elevator
NI Manure Spreader

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

It's Time To Buy Your CHORE BOY

division of cego, inc.

KWIK KOOL BULK TANKS

The most effective and efficient refrigeration system available in bulk milk tanks today. Features include pressure-formed urethane foam insulation, end-mounted controls, dial-amatic washer, interchangeable lids and seals, round double wall construction. Space saving thru-the-wall or regular installation.

GIRTON BULK TANKS
GIRTON Dairy Equipment
"Performance speaks Louder Than Words"

Sult's Refrigeration Service

RD 1 GORDONVILLE, PA 17529
Off Rt. 340, 1 Mile East of Intercourse on Hatville Rd.
★ 24 HOUR SERVICE ★
717-768-8555

FARM EQUIPMENT

SNOW PLOWS
LOADER MOUNTING
30" x 8' Angles right or left, spring trip. Order now for later delivery.
Limited Quanity Available.
HUGO WELDING & REPAIR SHOP
Bowers, PA 19511
Ph: 215-682-2781

Hesston Stak Hand 10
Also
Hesston 10W
Stak Mover
Call for Special Price

SPECIAL
2 ONLY
(1) Century 200 gal. sprayer w/28' boom $875.00.
(1) Century 300 gal. sprayer w/28' boom $895.00.

(1) USED 16' WOODEN BALE RACK WAGON on New Holland Running Gear, very good condition.
(1) USED LAMCO 18' STEEL BALE RACK WAGON on 10 Ton Running Gear, like new.

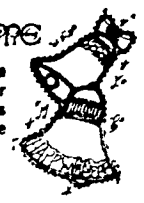
NEW GEHL 1200 HARVESTER plus $325 cash bonus, plus old price advantage

New Arps 7' 3 pt. Dual Auger Snow Blower
New 3 pt. 6" Blades $165.00
New NI 206 Ground Drive Spreaders
New Smidley Hog Feeders
New Gehl 120 Mix-Alls
New Gehl Flail Choppers - Special Rebate Now in Effect

Demo
Hydra-Mac Model 8C
25 H.P. All Gear Drive
SKID LOADER
Call For Price

USED EQUIPMENT
JD 70 Tractor
702 Uni w/harvester & combine
Gehl 1500 Round Baler, demo.
IH Bar Rake
IH 710 5B auto reset plow
Brillion 13'4" Packer, like new
NH 351 Grinder-Mixer
Gehl 95, & 115 Grinder Mixers
(2) 3 btr. Lamco unloading wagons, 1 with roof
Artsway Ensilmixer
JD 10' pull type Chisel Plow 1600 Series
NI #504 Loader
Athens 21' folding gang transport Disc

SPREADER INVENTORY REDUCTION
NI 214-216 200 bu. Flail Spreader w/hyd. end gate
NI 213-217 176 bu. single btr. spreaders
NH 331 3 btr. spreader
NH 516 200 bu. 3 btr. spreader, new sides



UMBERGER'S MILL
New Idea, Gehl, Hesston & Brillion Dealers.
RD4, Lebanon (Fontana)
Phone 717-867-5161 or 717-867-2613

FARM EQUIPMENT

ERB & HENRY EQUIP. INC.
New Berlinville, PA
1 Mile N. of Boyertown
Phone (215) 367-2169
FARM EQUIPMENT
*PARTS & SERVICE
*DeLAVAL DAIRY EQUIP.
*JAMESWAY
*FLICKES SILO
*FMC *BEAN SPRAY EQUIP.

USED TRACTORS
Farmall 300
Farmall 806
Farmall 340
Farmall MTA
JD 3010 Gas
MF 180
AC "CA" Tractor

TILLAGE EQUIP.
IH 401 Spring tooth harrows
IH Offset disk harrow
IH 770 Offset Disk-Harrow
IH 700 5 fur. automatic reset plow
IH 311 2 pt hitch plow
JD 5 fur. plow semi mount.
JD F125 3 fur. plow
MM 4F 16" plow
Brillion 9 ft. dbl. cultivator
ST 180 Howard Rotovator

PLANTERS AND GRAIN DRILLS
JD 13x7 Drill
Oliver 4 Row planter
IH 455 4 Row planter
JD 246 2 Row planter
MF 4 Row planter
IH 400 Cyclo 4 Row planter
JD 1250 4 Row planter
4 Row fast hitch cultivator

FORAGE HARVESTING
A.C. 780 Direct Throw w/2 row wide Corn Head Pickup
FOX 546 w/2 row wide Corn Head & Pickup
New Holland 717 w/2 row Corn Head
PAPEC 180, 1000 rpm w/2 row Corn Head & Pickup
JD 55 Combine
IH 403 Combine w/14' Grain Head
IH 650 Forage Harvester w/2 Heads
IH 815 Combine w/844 Corn Head
IH 205 Combine w/227 Corn Head
IH 50 w/engine drive - choice of heads
IH 50 w/540 pto drive
IH 55T Baler
IH 234 Corn Harvester
New Idea 325 Picker w/sheller
JD 34 Harvester with 2 heads
(New) IH 715 Combine w/4 Row

OTHER MISC. USED EQUIP.
IH 275 Spreader
AC B10 Tractor and equip.
Haban Sickel Mower
Smoker 24' Elevator

SWOPE & BASHORE, INC.
RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138

FARM EQUIPMENT

For Sale - Ni Farmall, new paint, PS & live hydraulics, good shape, 16 ft. JD fold up spring tooth harrow, 42 ft. Kingwise Elevator with motor and corn drag. Stump Acres, 717-792-3216 York Co.

MF Massey Ferguson

TRACTORS & EQUIPMENT
JD 4000 Tractor w/cab, 8 Spd
JD 2510 Gas row crop Tractor
JD 2010 Gas Tractor w/#35 loader
MF 1105 & 1135 Tractors w/cabs
MF 1085 Tractor w/cab & air
MF 275 Diesel Tractor
MF 204 Tractor w/loader, cab, fork & bucket
Ford 3400 Tractor w/730 loader, cab & bucket
IHC 424 Tractor w/loader & Pallet Fork
AC D17 Tractor
NI 213 Spreader
NH 510 Spreader
NH S676 Spreader w/hyd. end gate, fine manure pan & splash guard
MF 760 Combine w/15' table, 4 & 6 row corn heads

NEW M.F. EQUIPMENT
MF 750 diesel Combine w/14' table
MF 230 Diesel Tractor
MF 620 Disc Harrow 19 ft.
MF 620 Disc Harrow 14 ft.
MF 25 Disc Harrow 6½'
MF 44 Corn Head
MF 1085 Tractor w/8 speed
MF 58 Rotary Cutter
MF 1085 Tractor w/cab & M.P.
MF 110 Spreader
MF 130 Spreader
MF 160 Spreader
MF 227 Scraper Blade
MF 226 Scraper Blade

S.G. LEWIS & SON, INC.
R.D. 2 Box 66
West Grove, PA
215-869-2214

2 YEAR WARRANTY ON NEW IH TRACTORS
- Models 886 to 1586
- 4 Wh. Drive Models 4186 to 4586

HAY SPECIAL!
9 ft. MC Rotary Scythe
$3,400
(f.o.b. New Berlinville)

NEW! IH 145 Auto. Reset 4 Bottom Roll Over Plow In-Stock!

COMBINES
- IH 403 Combine, Gas, 4 Row Wide, 12 Ft. Platform
- IH 315 Belt Drive with 12' Platform & 2 Row Cornhead
- IH 303 with 2 Row Cornhead & 10' Platform
- IH 315 Hydrostatic w/10' Platform
- IH 503 Diesel Hydrostatic with 4 Row Cornhead and 13' Platform

★ **BRAND NEW - IN STOCK!**
- **IH 735 VARI- WIDTH PLOW, 5 Bottom, 14 to 22 inch**

We have Starline Roto-Spreaders In Stock!

USED EQUIPMENT

TRACTORS:
IH Super "A" with Mower
(2) IH 706 Gas
JD Cyclo A Tractor
IH 350 D
IH 350 Gas
IH 450 Gas
IH 504 Gas w/Loader
IH 560 Gas Standard
Oliver 1650 Diesel, engine overhauled
Oliver 66
8N Ford
Farmall Cub
Farmall H
(2) Farmall M 1 with Loader
VAC Case w/Blade & Mower...$1,100!

HAY EQUIPMENT:
Case 655 Self Propelled Windrower, 8 ft.
Hesston 420 Self Propelled Windrower, 10 ft. with cab & air
Hesston 1014 Hydraswing, 10 ft.
Sickle Bar Mower for JD A or B
Gehl FH 84 Field Harvester with hay pickup & 1 row corn head
NH 611 Chopper with 1 row head & direct cut
NH 275 w/Thrower
NH 266 Stalk Shredder Attach.
(2) IH 550 Chopper w/2 row narrow head & pick up head
NH 1-Row Snapper Head for 770 Harvester
IH No. 8 Flail Chopper
Brady 2-Row Shredder
IH No. 50 Shredder, 4 Row

TILLAGE:
Oliver 6-Bot., Auto., Spring Reset 16"
IH 35 9' Disc Harrow
IH 37 12' Disc Harrow
IH 370 12' Disc Harrow
(2) IH 560 6-Bot. Plow
IH 12' Pull Type Harrow
Oliver 2-Bot. Trailing Plow
Oliver 4-Bot. 16" Trailing Plow
IH 710 5-Bottom, 16" Auto Reset
JD 12' AW Disc Harrow
JD 10' Packer Mulcher, old style
JD 12' 3 pt. Hitch Chisel Plow
Brillion 12' Packer Mulcher
IH 463 4 row Cultivator, fast hitch
Case 4 row Cultivator, 3 pt hitch
Pittsburgh 4 row Cultivator, 3 pt. hitch

MISCELLANEOUS:
NH 352 Grinder Mixer
NH 510 Spreader
NH 512 Spreader
Int. 130 Spreader
Int. 175 Spreader with upper beater
Starline 710 Tank Spreader
Sauder Loader for Ford
Int. 51 Forage Wagon
Ontario Grain Drill
AC 13x7 Grain Drill
IH 13 Disc Grain Drill
JD 15x7 Grain Drill, DD, like new
JD 15x7 Grain Drill, DD
IH 18x7 No. 10 Grain Drill, DD
IH 510 21x7 Grain Drill, DD

McCURDY GRAVITY BOXES AND RUNNING GEARS IN STOCK!

1 LEFT!
INT. 574 DIESEL ROW CROP
★ SPECIAL PRICE

JOHN BLUE IN STOCK
- 4 Ton Spreader
- G-1000 Tractor

PARTS IN STOCK!

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph: (215) 367-2169
Daily 7 to 5:30, Fri. till 9
Sat. till 4

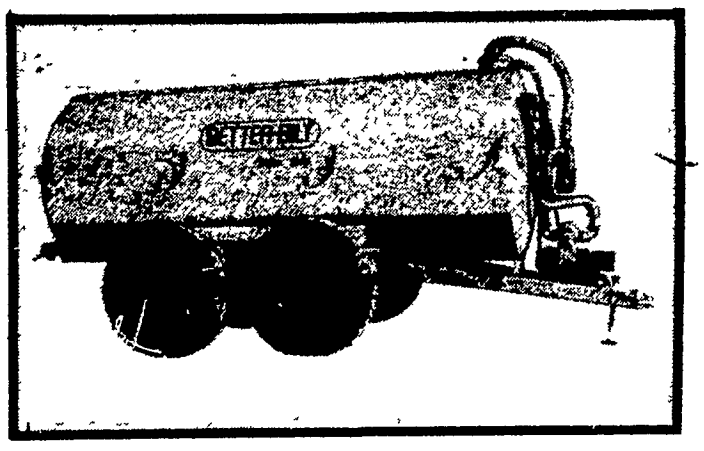
SEE US FOR
- DeLaval
- Vicon Spreaders
- FMC Bean
- Butler - Jamesway
- IH Parts
- SunFlower Disc Harrows
- MC Dryers & Equip.
- Artsway Dion Forage Wagons
- John Blue Sprayers & Equip.
- Starline Roto-Spreader

BRICKERVILLE EQUIPMENT

Lester Boll, Prop.
RD 1 Lititz, Pa., ½ mile East of Brickerville on Rt. 322 717-626-6198

BUY "BETTER-BILT" EQUIPMENT
WHY? IT'S "BILT-BETTER"

NEW SPREADERS IN STOCK
800's THRU 3100's
CALL FOR PRICE



Call Us For Your Needs Of
- FARROWING CRATES
- LAGOON PUMPS
- HIGH PRESSURE PUMPS

NEW HOG SLATS
24" x 96", 7" Top
24" x 120", 7" Top
Approximately $2.30 per sq. ft.

We believe in being competitive.
Call and give us a try.
★ SALES ★ SERVICE ★ PARTS

Edwin N. Kurtz, RD 1 Ephrata, 717-733-8193, Better-Bilt Distributor

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM SHOW SPECIAL
CAR, TRUCK AND TRACTOR CHAINS
25% and 10% DISCOUNT
We must have order and down payment by Jan. 13, 1979 either at our Farm Show Booth or our shop.

EQUIPMENT FOR SALE OR LEASE

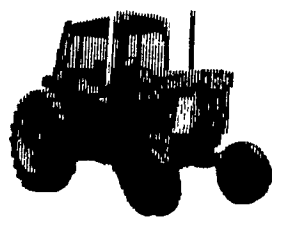
BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd. Lancaster, Pa.
Ph: 717-299-2536

SPERRY NEW HOLLAND
NEW IDEA
Badger
HESSTON FARM EQUIPMENT

ALLIS-CHALMERS 7020
- Power Shift
- 14L-16.1 Front Tires
- 20.8-38 Rear Tires
- Full weights, Front & Rear
- 3 pt hitch
- Heater & Air Conditioner
- 123 hp

$24,650
Free Finance and Deferred Payment till March 1, 1979
HUTTON FARM EQUIPMENT
R.D. 2 Mahaffey, PA 15757
814-277-5504



USED EQUIPMENT
Farmall 504
Int. 300 w/ loader
Farmall M
Farmall H
9N Ford
AC WD
IH 350 disk harrow, 9'
IH 350 disk harrow, 11'
Case 12' disk harrow
Int. 510 plow, 4-16

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

USED EQUIPMENT
J.D. A Tractor
J.D. 4020 D, PS w/WFE
Ford 5000 D w/ind. loader
Ford 4000 Gas w/loader
Ford 8N Tractor w/snow plow
IH 856 w/cab
Sauder Snow Plow for Ford Tractor
JD 3800 Chopper w/3-row head.
Fox Chopper
JD 45 Combine w/corn & grain heads
AC 303 Baler
Case 535 Baler
J.D. 24T Baler
I.H. 440 Baler w/kicker
Hesston 56 Round Baler
Hesston 10' Mower Conditioner
J.D. 15' Roller Harrow
JD 214 & 115 Chuck Wagons

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

Hitch up to Massey. MF Massey Ferguson

USED EQUIPMENT
MF 178 Diesel
Farmall M
Gehl CB 1200 Harvester
Gehl CB 600 Harvester
Lamco 16' Forage Box
Gehl BU 910 Forage Box
IH 141 Combine
MF 510 Diesel combine
Hawk Bilt 187 Tank Spreader
Gehl 320 Feeder Wagon
AC Round Baler
NH 354 grinder mixer
NH 350 grinder mixer
Gehl 115 grinder mixer
Gehl 120 grinder mixer
Gehl 72 flail chopper

LEBANON VALLEY IMPLEMENT CO.
700 E. Linden St.
Richland, PA
Ph: 717-866-7518

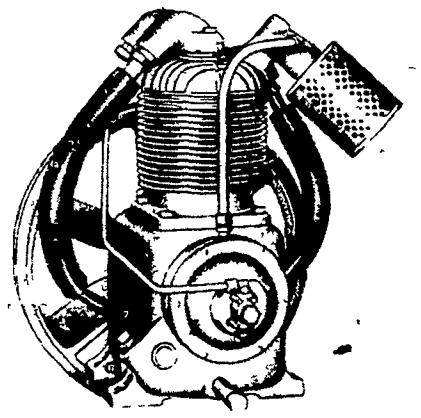
ZOOK'S FARM STORE

R D. #2, HONEY BROOK
1 mile West of Honey Brook on Rt 322 then North on Reservoir Rd

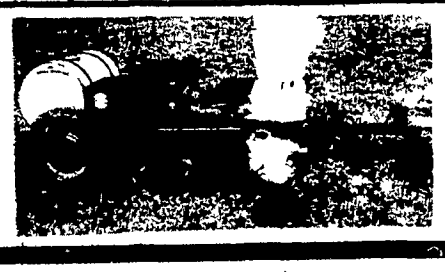
NEW 8-10 & 12 ft. Spring tooth Harrows 8 ft. $397.00
NEW Horse Drawn Disks 7½ ft. wide 18" Disks..... $715.00

Vicon Disk Mowers
Manure Spreaders
Chisel Plows
Mc Rotary Scythe
3 Pt. Blades
Corn Planters
Hay Rakes

Complete Line Of Air Compressors And Accessories
5 H.P. COMPRESSOR
$450.00



NEW TOBACCO PLANTERS



ORDER NOW $499.00

M&R EQUIPMENT, INC.

NEW PARK, PA. PH: 717-993-2511
— 4 mi. S. of Stewartstown, PA —
Resident Ph: 301-452-8693 Mon. 7 AM to 8 PM; Tues. - Fri. 7 AM to 5 PM; Sat. 7 AM to 12 Noon

USED TRACTORS:

806 F diesel, new TA, excellent
756 F diesel, WFE, 2001 loader
706 F diesel, 3 pt , reconditioned
706 F diesel, fast hitch, fair cond , as is, $5500
656 hydro, 3 pt , nice
450 diesel
350 Farmall, gas
350 diesel utility, nice, $1500
AC D-14 gas SOLD w, blade

ALL TRACTORS AVAILABLE W/WAIVER OF FINANCE!!

USED EQUIPMENT

AC Hyd reset plow, 4x16", $1200
IH 550 5x16" plow, hillside hitch
IH 311 plow
IH 550 5x14" plow, $800 as is
John Deere 10' mounted chisel, $800
John Deere 1250 plow, nice, $1150
John Deere hay tedder, $250
MF 10' offset disc, 3 yrs old, $1700
IH 11' mtd. chisel plow, 25" shanks, $750
John Deere 34 F Harv , 1 row head, hay pickup
John Deere 6' offset disc, mounted
(2) IH 550 F harvesters, both heads
7 ton AC running gear w/hay body
8 ton Knowles gear
Lamco forage box, good for parts, $75
NI 212 Spreader, $1300, nice
MF 4-row planter, like new
IH 400 cyclo, liq fert , no-till, monitor, nice
New Idea 325 picker sheller, $2500
New Idea 323 picker, nice
Dual wheels for 560, 656, very good BF Goodrich tires
Hawk Bilt 207 flail spreader, $1100 nice

NEW MANURE BUCKETS FOR IH 2000 LOADERS, MADE OF ¼" STEEL PLATE, MADE FOR FLAT TINES.

IN STOCK:

1086 with 20.8x38 radial tires
Hydro 86
(2) 686
886, cab, air
1460 Axial Flow Combine
784 row crop
4130 skid loader
IH No. 80 snow blowers, 3 pt or fast hitch

WAIVER OF FINANCE NOW AVAILABLE ON HAY EQUIPMENT UNTIL 3-1-79. ON FORAGE EQUIPMENT UNTIL 6-1-79.

EQUIPMENT SPECIALS

New Gear Assembly With 3 HP Motor And 4 Sections of Augers For Farmec 540 Bunk Feeder!
CHEAP!

TRACTORS:
JD 2010 D. Tricycle
Ford 9N
Int. 450
Int. Super M with Mtd. Cornpicker

COMBINES:
JD 6600 Combine
Gleaner L
JD 105 Combine
MF 82 Combine

PLANTERS:
JD 494 Planter
JD 1240A Planter
IHC 455 Planter
JD 1280 8-Row Planter

DRILLS:
McConnell 16x7 Drill
MF No. 33 17x7 Drill
Oliver No. 76 16x7 Drill
JD FBB 17x7 (2)
Ontario Drills (2)

HAY EQUIPMENT:
NH 1495 SP Haybine
NH 461 Haybine
NH 469 Haybine
NH 282 Wire Baler
JD 24T Baler w/thrower
NH 269 w/thrower
MF No. 10 w/thrower
IH 55T

PLOWS:
JD 45 4-bot. plow
Ford No. 51 4-bot.
JD 145A 4-bot.
JD 310 3-bot. (2)
JD 7-bot., semi-mtd.

JOHN DEERE
JD FRONTIER DAYS AT LYNNPORT FIRE HALL
JAN. 26
7:30 P.M.

SEE US FOR YOUR NEW EQUIPMENT - YEAR END PRICES ON MERCHANDISE IN STOCK!

SPERRY NEW HOLLAND

KERMIT K. KISTLER
Rt. 143,
Lynnport, PA. 18061
Ph: 215-298-3270

FIELD QUEEN

Division of Hesston Corporation
FACTORY DIRECT SALES - PARTS SERVICE
North East U.S. Largest Retail Forage Harvester Outlet

Field Queen Side Dump Now Standard Equip. 258 H.P Detroit

7650, 258 H.P. Detroit & 7600, 210 H.P. Cat Engine
Both above units available w/4-wheel drive for 1979.

SALE

FORAGE EQUIPMENT
1973 Max I w/V671 Det. engine, 1977 3 row narrow corn head, 7' hay head and knife grinder.
$14,500.
JD 38 w/hay head and corn head.
$4,400.
JD 38 w/corn head and hay head.
$2,500.
1968 Fox Self-Propelled gas w/2-row corn head and hay head.
$3,500.

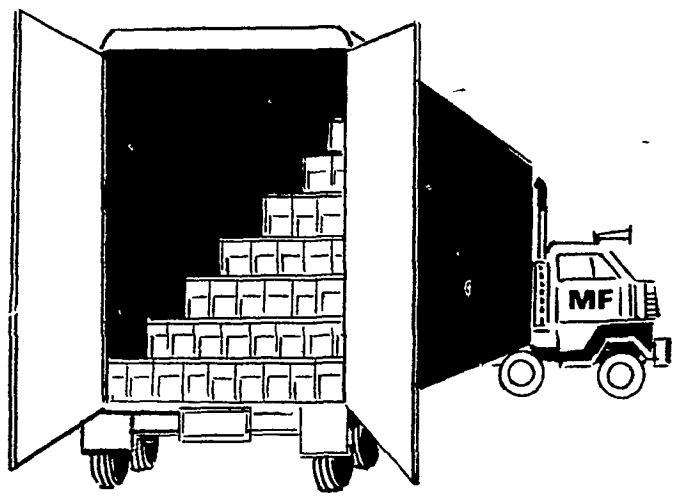
JUST TRADED
1975 Field Queen Side Dump w/3208 Cat engine
1976 Field Queen Standard w/air cond. & knife grinder

USED EQUIPMENT
NI 705 Uni System Dsl. w/767 chopper, 3-R head, 2-R Head, hay head and knife rebevel grinder
Fox Max II w/V6 71 Detroit Engine
Fox Super D, Dsl. Engine, 2-row head and hay head.

FIELD QUEEN
1190 Enterprise Road
East Petersburg, PA
Lancaster Co. 17520
Call Frank Walters
717-392-7795
or Res. 717-733-3665

MF Massey Ferguson

SALE OF GOOD AND D



Truckload Sale!

WE PURCHASED $540,000.00 OF MF PARTS IN '78 SO WE COULD SUPPLY YOUR NEEDS. DURING THIS SALE WE ARE PLEASED TO PASS ON TO YOU THE SAVINGS REALIZED FROM THIS VOLUME PURCHASING.

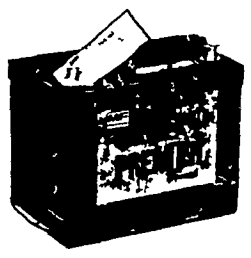
SELECTED PARTS SPECIALS

CASH & CARRY

MISCELLANEOUS

BATTERY CHARGERS

	Reg.	Sale
20 Amp. Charger	$82.25	$61.75
6 Amp. Charger	35.90	26.95



BATTERIES
20% OFF REGULAR PRICE

PIN ASSORTMENTS

Spring Pin	6.38	$4.34
Hitch Pin	3.01	2.05
Cotter Pin	2.94	2.00

ETHER

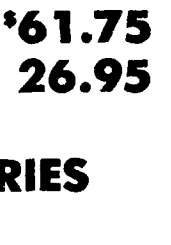
8 Oz. Can	1.62	.92

HAND CLEANER

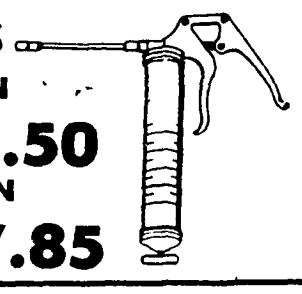
1 Lb. Cleaner	1.31	.91
4½ Lb. Cleaner	5.12	3.58

GREASE TUBE CARTRIDGE

Reg. 61¢ Sale **49¢**



GREASE GUNS



LEVER ACTION
Reg. $6.00 Sale **$4.50**

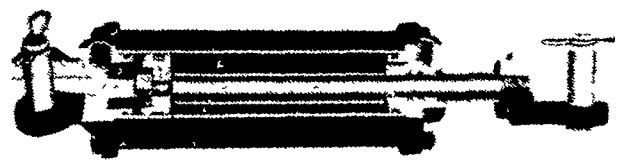
PISTOL ACTION
Reg. $10.50 Sale **$7.85**

ALL TRANSMISSION FLUID

MF perma ran — EXTREME PRESSURE TRANSMISSION & HYDRAULIC FLUID

20% OFF

Gives peak performance at extreme pressures and high temperatures. Made to meet MF engineering requirements.



HYDRAULIC CYLINDERS

	Reg.	Sale Price
3" x 8"	52.02	$42.77
3½" x 8"	71.30	$53.48
4" x 8"	89.85	$67.39
2½" x 8"	44.75	$33.56

PLOW PARTS

20% OFF REGULAR PRICES

NEW! HEAVY DUTY CHISEL POINT

- Heat treated and tough, MF forged the 1903 257 MI to be the biggest, heaviest, longest wearing chisel.
- Deep counter-bored punching for ½" hex head bolts. Fits 2¼" and 2½".

Also available right or left 3" twisted chisel point.

FILTERS

ALL FUEL, OIL & AIR FILTERS

20% OFF Reg. Price

PRESSURE WASHERS

500 PSI WASHER
Reg. $387
SALE **$325**

CUTTER BAR PARTS

	Reg.	Sale Price
Guards for combines	5.24	$3.56
Sections for combines	.72	.49
Guards for mowers	5.44	$3.70

PAINT

	Reg.	Sale Price
Red or Gray Spray Can	2.27	$1.71
Red or Gray 1 qt. can	5.29	$3.67
Red 1 gallon can	17.23	$11.93

ALL MF BELTS

20% OFF REG. PRICES

SURPLUS PARTS & ACCESSORIES SPECIALS

MF Weather Cabs	$20.00-$90.00
Loader Cylinder 2" and 2½"	$30.00
60" Manure Forks	$125.00
14" & 15" 5-Lug Wheels	$7.50
Spring Trip Chisel Tooth	$50.00
Straw Chopper for 300	$375.00
Liquid Fert. Attm. 4 row corn planter	$350.00
Rotary Cutter for Pony Tractor	$350.00
Rotary Cutter Wheels	$10.00
Rubber Press Wheels for corn planter	$15.00
Bale Thrower Drive Kit	$20.00

10% OFF ON ALL OTHER MASSEY FERGUSON PARTS
SOLD OVER COUNTER FROM DECEMBER 26 TO JAN. 5, 1978
(CASH & CARRY)

MF Massey Ferguson

M. M. WE

LEOLA, PENNA. 17540

PHONE: 717-656-2321

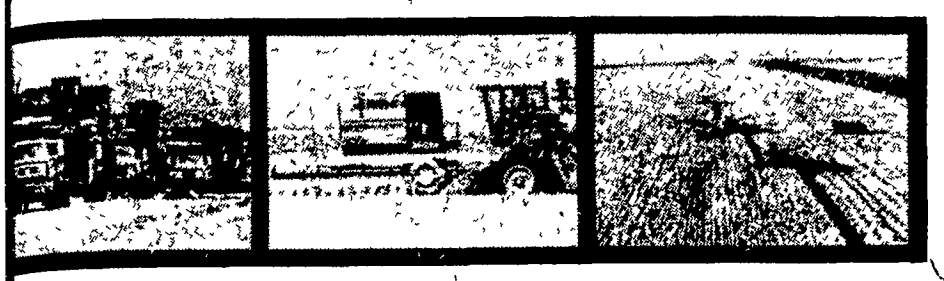
ED FARM EQUIPMENT
OUNTS ON NEW!!

DECEMBER 26 TO JANUARY 5th

ecial
Two
Day

OPEN HOUSE

WEDNESDAY JAN. 3 AND THURSDAY JAN. 4

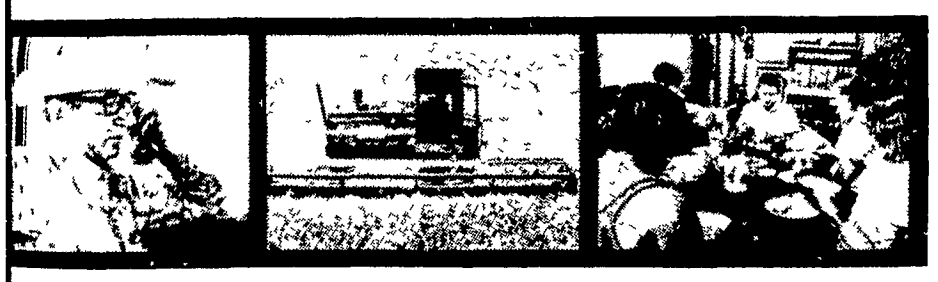


P.M. EACH DAY - VIEW THE FILM

THE YELLOW TRAIL FROM TEXAS"

A Down To Earth Story About Real People

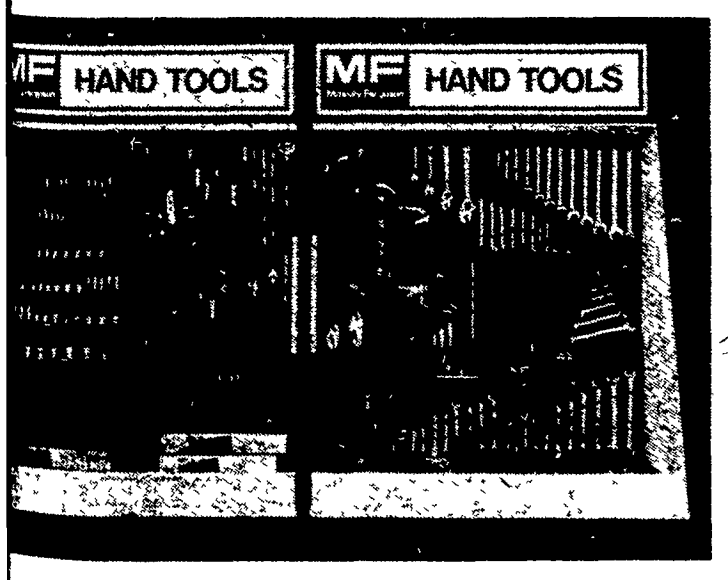
It's the day-by-day story of life on the road with stom wheat harvesters as they follow the sun from ntral Texas to the Canadian border.



★ **COMBINE OPERATION, REPAIR & MAINTENANCE SEMINAR**
WEDNESDAY, JANUARY 3
2 P.M.

★ **TRACTOR OPERATION, REPAIR & MAINTENANCE SEMINAR**
THURSDAY, JANUARY 4
2 P.M.

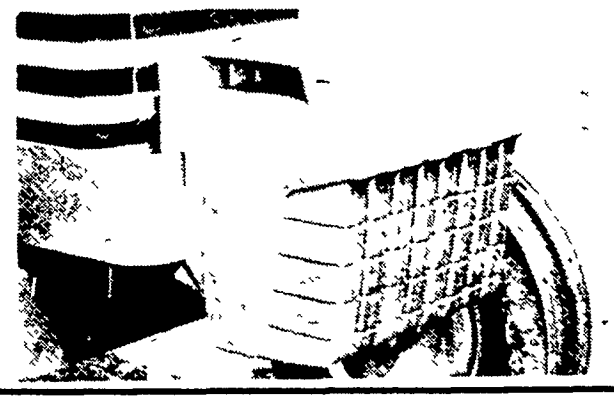
LUNCH WILL BE SERVED DURING THE TWO DAY OPEN HOUSE



10% OFF REG. PRICE OF ALL MF HAND TOOLS

SEE THE NEW MF 4840/4880 TRACTORS ON DISPLAY DURING SALES DAYS

★ New 4-Wheel Drive Power For Today . . . And Tomorrow!



FRONT END WEIGHTS

EASY-TO-MOUNT WEIGHT FRAMES ADD SAFETY . . . STABILITY

SPECIAL $26.00
WHILE THEY LAST

R & SONS, INC.

4 miles west of New Holland on Route 23, one and ff miles northeast of Leola, on the North Groffdale one mile on the right, opposite Groffdale Mennonite h.

FOR MORE SPECIALS, TURN THE PAGE--▶

SALE

OF GOOD USED FARM EQUIPMENT & DISCOUNTS ON NEW!

DEC. 26 TO JAN. 5th

USED COMBINE SPECIALS!

No Finance Charges 'Til Harvest ...

. . . on certain top-quality used combines in our inventory.* (June 1, 1979 for grain combines, and up to September 1, 1979 for corn, bean and rice combines)

MF Parts Bonus
You'll also receive an MF Parts bonus certificate worth 5% (up to $1,000) of the purchase price of these same combines. This certificate is redeemable on purchase of all MF parts for tractors, combines and other equipment, plus all general MF parts, through October 31, 1979.
Act before year end for big 1978 savings on . . .

- Finance charges
- Depreciation allowance
- Investment tax credit

*When financed with Massey-Ferguson Credit Corporation.
Offers end January 26, 1979, and are limited to certain combines in inventory.

COMBINES

1976 MF 760 Hydro V8 diesel four wheel drive 6 row 30" corn & 14 ft. grain head	$44,000
MF 750 Hydro 6 cyl. turbo diesel 4 row 38" corn & 14 ft. grain head	32,000
MF 510 diesel cab & air	12,500
MF 510 diesel	12,000
MF 510 diesel	11,000
MF 510 diesel	8,200
MF 410 Gas	2,500
MF 300 Gas	9,000
MF 300 Gas	6,700
MF 510 Gas	8,000
Oliver 5542 Gas	5,800
AC CII Diesel	7,500
New Idea Combine only	2,000
JD 45	1,000
MF 82	1,200
Quick attach. Fenders for 410	950
12 MF 6 row 30" Quick Attach. corn heads.	priced from 2,500 to 5,200
MF 421 corn head for 410	2,000
MF 422 corn head for 510	2,000

USED TRACTORS

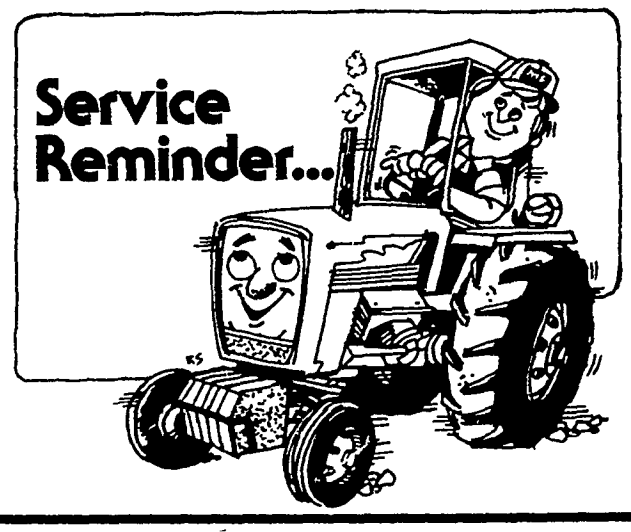
MF 1155 cab & duals	$13,500
MF 1155 less cab	9,800
MF 275 379 hrs.	9,000
MF 275 540 hrs.	8,500
MF 245 demonstrator	8,150
MF 255 265 hrs.	7,500
MF 1085	7,800
MF 1130	8,500
MF 200 B Crawler w/blade	8,500
MF 188 English	5,900
MF 178 English	4,500
MF 14 Garden Tractor	1,200
White A 4T-1600	10,500
IH 656 with 2000 Loader	5,600
IH Crawler with blade	1,900
IH 460 Diesel	1,800
IH 460 Diesel	2,200
IH 504 Gas	2,800
MF Super 90 D	2,900
JD 430 with Cultivator	1,950
Ford 960 D	1,600

USED PLOWS & TILLAGE

MF 55 two way Plow	$375
JD 4-16 3 pt. Plow	350
Oliver 3 bottom trailer Plow	200
Oliver 3-16 two way Plow	850
AC 7-16 Plow	700
MF 880 4-16 Plow	2,400
IH 3-14 fast hitch Plow	200
MF 520 18 ft. Disc	1,450
Dunham 10 ft. chisel Plow	1,200
Mohawk 11 ft. chisel Plow	850
MF 7 ft. 3 pt. Disc	300
MF 4 row front mtd. Cultivator	200
JD Chisel with disc. attmt.	1,750
Lely Roterra	1,750
Vicon Power Harrow	1,250
JD 48 Disc Harrow	850
JD 32 Disc Harrow	700

USED FARM EQUIPMENT

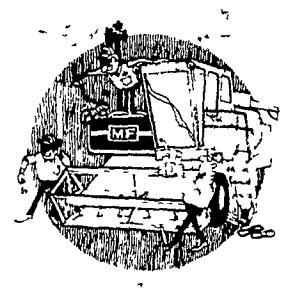
IH 400 Air Planter 8 row with fertilizer loading auger & Dickey John Monitor	$3,000
JD 494A Planter	450
Ontario Grain Drill	300
MF 160 Spreader	450
Dunham Loader	700
Farmhand Power Box	300
Brady 14 ft. Flail Chopper	1,600
Sauder Blade	450
Hawk Bilt Baler	750
JD 34 Chopper	950
AC 1 row Corn Head for 780	400
AC Pick-up for 780	300
MF Haytender	800
JD 14T Baler	350
MF 450 Round Baler	3,800



PRE-CONDITION NOW FOR COLD WEATHER

You know, more likely than not ... the work won't stop just because cold weather sets in. So if you want your tractor to have all the protection it really needs, pre-condition now. Our factory trained mechanics will see to it that your tractor gets a general maintenance check-up: tune-up, oil change, brakes, transmission, clutch and hydraulics. We'll make necessary repairs, using genuine Massey-Ferguson parts. Give your tractor a good bill of health. Stop in today and pre-condition for cold weather now.

DON'T GET CAUGHT WITH YOUR COMBINE DOWN!



GET A PRE-SEASON CHECK-UP NOW!

M. M. WEAVER & SONS, INC.

LEOLA, PENNA. 17540

PHONE: 717-656-2321

Located: 4 miles west of New Holland on Route 23, one and one-half miles northeast of Leola, on the North Groffdale Road, one mile on the right, opposite Groffdale Mennonite Church.

FARM EQUIPMENT FARM EQUIPMENT

FARM EQUIPMENT FARM EQUIPMENT

Nothing runs like a Deere

JOHN DEERE

THIS WEEK'S SPECIAL

NEW HOLLAND 357 GRINDER-MIXER $4400.00

USED FARM EQUIPMENT

Case 700 Diesel
Case 530 w/Loader
Farmall 400 Diesel
JD 38 Forage Harvester
NH 717 Harvester
JD 45 Combine w/Corn & Grass Head
NI Pull Type Picker Sheller, 2-rows
JD 24T Baler
JD 224 Baler
JD 336 Baler
Ford 530 Baler
NH 269 Baler
IH 46 Baler w/thrower
NH 1469 SP Haybine
Hesston 500 SP Mower Conditioner
NI Cut/ditioner
JD 290 Corn Planter
Pittsburgh 11 ft. Disc
JD KBA Disc
IH 2 pt. 3B Plow
JD 1600 Chisel Plow
16' Lever Harrow
JD 760 Spreader
NI 205 Spreader
15 HP 3 phase elec. Motor

NEW FARM EQUIPMENT

JD 850 Tractor
JD 1207 & 1209 Mower Conditioners
JD 1600 Chisel Plow
NH 707, 770 & 890 Harvesters
JD 35 & 3800 Forage Harvesters
NH 1-R Snapper Head
JD 336 Baler
NH 310 Baler
Tye No-Till Seeder
NH 357 Grinder Mixer
JD 750 Grinder Mixer
JD 18x7 Grain Drill
JD 1700 Mulch Tiller
Bobcat Skid Steer Loaders
JD Manure Spreaders 40, 54, 660, 680, & 790 Flail
NH Manure Spreaders 519 & 791
Glencoe Soil Savers
Athens Disc Harrows
EZ Trail Wagons
EZ Flow Forage Boxes
Martin Manure Spreader

FREE FINANCE ON NEW & USED JOHN DEERE TRACTORS, JOHN DEERE & NEW HOLLAND FORAGE HARVESTERS, HAY TOOLS, & COMBINES.

CLUGSTON IMPLEMENT, Inc.

1 Block off I-81 Exit 8
Chambersburg, PA 17201 Phone: 717-263-4103

bobcat SPERRY NEW HOLLAND

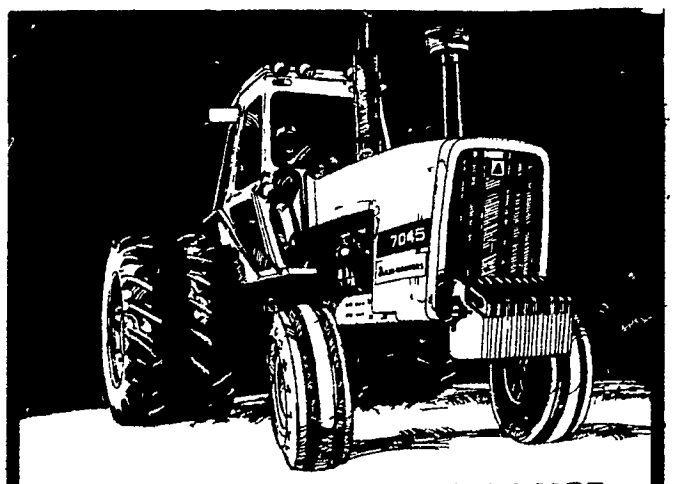
Madison Silos • Starline Roller Mills
Sahlstrom Manure Pumps
Chromalloy Super Tankers
Starline Barn Equipment

Galen R. Kopp

Chromalloy Farm Systems Dealer

RD #3, Box 710
Mt. Joy, PA 17552

Phone
(717) 653-1567



CALL STEVE OR JACK, WE WILL NOT BE UNDER SOLD ON ANY DEAL!

★ Interest Free on New AC Tractors til 3/1/79
★ Interest Free on Used Tractors til 3/1/79
★ Interest Free on New & Used Combines till 9/1/79

USED EQUIPMENT

Ford 2000 Tractor
Allis Chalmers G
AC G w/hydraulics & Cultivator
AC CA Tractor
AC WD 45 Diesel
AC WD Gas
Ford 300
Ford 9N
IHC 10' Disc Harrow
MF 510D Combine
MF 410 Combine
Case 960 Combine
JD 55 Combine
Gleaner F Combine

ALLIS-CHALMERS

TOWNE TRACTOR

Highway 33, Freehold, NJ
201-431-3838

NEW IDEA FARM EQUIPMENT case GEHL Gets into your system

A.L. HERR & BRO.

Quarryville, PA 17566
717-786-3521

—YEAR END SPECIALS—

— Case 885 43 H.P. 12 speed - $7300.00 —
— Case 990 - 53 H.P. 12 speed - $8900.00 —
— Case 995 - 58 H.P. - 12 speed - $9300.00 —

—USED EQUIPMENT—

TRACTORS

Case 970 Cab
Case 1070 cab, air
Case 830
Case 200 loader
Case 430
IH 504
MF 175
MF 135 w/mower
MF 20 loader
JD 2010
JD AW/cult.
Ford 9N

UNI-SYSTEMS

NI 705 Tractor
NI 760 Harvester
NI 2 & 3 Row Head

MISC. EQUIP.

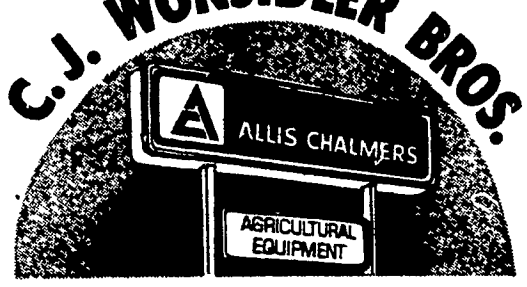
Brillion Cultimulcher
Glencoe Chisel 12'
Ford 3 pt. Flail
Gehl 1500 Round Baler
Gdn. Tct. Rotary Broom
Ground Drive Spreaders
JD #18 Corn Picker

NEW IDEA EQUIP.

Manure Spreaders mod. 202, 212, 213, 224
290 Windrower
42' Elevator
325/327 Pickers
325/314 Picker-Shellers
319 Mounted Picker
504 Manure Loader

FORAGE EQUIP.

Gehl CB600 Harvester
AC 782 Harvester
Assorted Heads
Badger Blower
Fox-Table Blower
NH 26 Blower
JD 216 Forage Box
AC Forage Box, w/roof



$ BIGGEST SAVINGS OF THE YEAR $

Save Yourself Hundreds of Dollars!

TRACTORS

JD 4020 Diesel
JD 3020 Gas
JD 430
JD G
JD MT w/3 pt. hitch
White 2-85 w/only 700 hrs., like new!
White 4-180 w/only 600 hrs.
Oliver 1950-T Diesel, 2300 hrs.
Oliver 770
(2) Oliver 88
(2) Oliver 77
Oliver Super 77 Diesel
Case 730 Diesel
Farmall 706
Farmall 460 Diesel
Farmall 340
MF 50
Ford 900
Ford 4000
Ford 6000 Diesel
AC D15
AC D14
AC WD

COMBINES

AC Gleaner E w/cab; grain & corn heads
AC Gleaner CII w/grain & corn heads
Oliver 535 w/grain & corn heads.
JD 45 w/grain & corn heads
JD 45 w/grain & corn heads, 1968
IH 815 w/cab, air & heat, 13' grain head, and 430 corn head

COMBINES (con't)

MF 82 w/grain & corn heads
Fox Self-propelled 2-row corn head & pickup

MANURE SPREADERS

NI 213 Single beater
NI 214 Single beater
NI 213 Flail
NI 212 Single beater
NH 675 Single beater, 275 Bushel

OTHER EQUIPMENT

Gehl Grinder/Mixer Mill-Al
Gehl 72 Flail Chopper
NI 4-row Flail Chopper
(2) JD 13' Disc
JD 12' Disc
AC 10' Disc
(2) Brady 7' Chisel Plows, 3 pt. hitch
Brady 10' Chisel Plow, 3 pt. hitch
Brady 16' Field Cultivator, pull type
Ford 7' Snow Plow
AC 7' Snow Plow for 160 Tractor

SKID LOADERS

Mitey Mac Model 8 w/rebuilt engine & machine, like new w/material bucket & manure forks
Mitey Mac Model 6C demonstrator w/bucket & manure forks

Trumbauersville to Finland Rd., Quakertown, PA
CALL (215) 536-1935, 536-7523 or 767-7611 (New Tripoli)

---

case

Make it your SIGN OF SUCCESS!

CASE FRANCHISES AVAILABLE IN KUTZTOWN, LOCK HAVEN, EVERETTE, PA AND OTHER AREAS

For information on the full potential of a Case franchise in your area, write or call

Max Kimbrough
J I Case Company
P.O. Box 50128
Indianapolis, Inc. 46256
Or call collect: 317-849-4770
There is no obligation, of course.

Case. It tells the world you mean business.

Set your dealership goals—then let Case quality come through for you as it has for us since we began building farm machinery in 1842

We're here to help with the right products 14 different tractors of proven performance plus basic implements for your farm customers light construction and materials handling equipment for utility companies, municipalities and contractors lawn and garden tractors and riding mowers for homeowners

Case also supports you with high-impact advertising and sales promotion materials We keep you current on product developments and selling techniques through the Case College of Technical Knowledge and special dealer training seminars at the Case Marketing Institute Closer to home, Case Field Personnel can give you a quick assist with information—or parts and service support

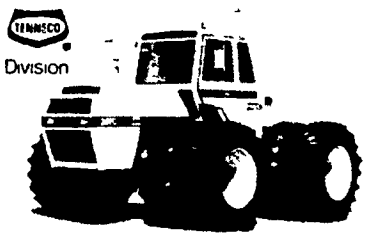
A Case dealership involves a generous return on your investment as well as repeat business that comes your way just naturally

Case Make it your sign of success!

J I Case
A Tenneco Company
Agricultural Equipment Division

TENNECO

the tractor specialist



FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

FARM EQUIPMENT

SPERRY NEW HOLLAND

TRACTORS

Farmall H
Case 1070
Oliver 88 Gas
Oliver 77 Gas w/mower
Fordson Major 5000 Tractor
'74 Ford 3550 Diesel, 13' backhoe, torque converter trans.

EQUIPMENT

NH 33 Crop Chopper
NI Box Spreader w/end gate & fine manure pan
NH 516 Spreader w/end gate
NH 327 Manure Spreader

CHARLES S. SNYDER INC.
RD 3 Tamaqua, PA 18252
Phone: 717-386-5945

ATTENTION!!

SNOW BLOWERS

New Ford walk-behind
New Int walk behind
New Ford front mounted, 42" single stage
New Int front mounted, 54"
New Kubota front mounted
New Hanson 3 pt 4 ft
New Electrak
Used Sears tractor and blower
Used Gravely tractor and blower
Used AC tractor and blower

McCulloch Chain Saws as low as $74.95

STRALEY FARM SUPPLY, INC.
1760 East Canal Rd.
Dover, PA 17315
717-292-2631 or
717-292 4443

USED EQUIPMENT

TRACTORS

JD 4020D, 60
JD 3010G w/loader
IH F460G, M
AC WD 45G w/loader

COMBINES

Oliver 545 w/grain platform
AC G w/grain platform
JD 40 w/8' platform & 205 corn head
JD 244 corn head
JD 4400G w/13' platform, JD 444 corn head
JD 6600D w/15' platform

CORN PICKER

NI 323 1 row, pull type

BALERS

IH 56W
IH 47T w/thrower
AC 444 w/thrower
NH 270 w/thrower

HAYBINES

NH 469
IH 990
AC 390
Hesston PT10

FORAGE EQUIPMENT

JD 3800 Harvester w/pickup & 2-30" corn head

NEW EQUIPMENT

TRACTORS

JD 850
Long 560 with loader

SPREADERS

JD 34, 40, 680
NH 513, 519

FORAGE EQUIPMENT

JD 3800, 35 harvesters
JD 16A rotary chopper
NH 770, 718 harvesters
NH 25, blower

LOADERS

JD 143, 145, 146, 148, 158

HAYBINES

NH 495, 489

WAGONS

JD 965, 1065A, 1075
NH 14, 230
JD 714, 716
NH 8

DISC

JD 210 11'5", 12'10"
JD 220 18'6" Demo

FREE FINANCING ON SOME ITEMS

I. G. SALES
Silverdale, PA 18962 215-257-5135

SPERRY NEW HOLLAND DeLAVAL JAMESWAY Quonset Buildings

JOHN DEERE

John Deere design, dependability, and dealers make the difference

JOHN DEERE

USED EQUIPMENT

TRACTORS

JD 4630
JD 4430, QU, cab, AH
JD 3020 Ds PS
JD 2510 Gas
IHC 1586 Cab, air, duals 600 hrs
966 Int diesel
IHC 606 diesel
IHC cub w/mower
Ferguson w/loader

CORN PLANTERS

JD 1240 4-row
JD 494 4-row
JD 1440 4-row, no till
JD 1250 6-row
AC 4-row, no till

CORN PICKERS

Oliver 2 R.W
NI 323 1 R.

SPREADERS ON SPECIAL

JD 54
NI 213 165 bu.
NI 214 195 bu
NI 218 318 bu
Cobey 195 bu
Brady Tank 150 bu

COMBINES

JD 7700 Dsl , cab, air, 15' plat , 6 row N
IHC 815 Dsl 13' plat , 4 R.W
MH 82, 12' plat
JD 45, 10' plat

NEW IDEA UNI-EQUIPMENT

702 Power Unit, gas w/cab
726 Husking Unit
728 4-row N, corn head
720 2-row W, row crop
760 Harv Unit

NEW MODEL SPREADERS

NI 244, 318 bu
JD 660, 300 bu
JD 680, 400 bu

NEW EQUIPMENT

JD 210 disc harrow
JD 1640 Disk Harrow
Speedy Corn Crib, 1200 bu
Hawk Bilt Tank Spreader, 357 bu
NI 206 Manure Spreaders
JD 100 Stack Wagon

SEE US FOR WAIVER OF FINANCE CHARGES ON NEW/USED TRACTORS, COMBINES, PLANTERS, HAY & FORAGE EQUIP., GRAIN DRILLS, TILLAGE TOOLS.

LANDIS BROS., INC.
1305 Manheim Pike
Lancaster, PA 17601
717-291-1046

SPERRY NEW HOLLAND CASE

GEHL, BUSH HOG

NEVIN N. MYER & SONS, INC.
RD1, Chester Springs, Pa.

New Holland has Free Finance on Hay Equipment until May 1, 1979 Forage Harvesters with Hay Pickup till May 1, 1979 and Aug. 1, 1979 on Forage Harvesters with corn heads and complimentary equipment

Winter Buyer's Option! Cash Bonus or Free Financing! The size of your bonus check depends on the month you buy Dec., Jan., Feb.

New Holland Equipment in stock. Special Deals offered on the following models:
718, 770, 890, 770E snapper mtd.

CASE TRACTORS
990, 995, & 1210
(2) 1370 Cab, Air Cond. & Heat, PS trans , 20 8x38" Rr tires, frt weights One 212 hrs , one 234 hrs

CASE UNI LOADERS
1830, 10 00x16 5 flotation tires, 60" utility bucket, tool tach, hour meter, set of 2 counter weights.
Cash Price $7,495.00
1845 Gas Special 12 00x16 5 Flotation tires, 73" utility bucket, counter weights and swing draw bar
Cash Price $11,725 00

GEHL FORAGE EQUIP. IN STOCK
FB 99 Blower
BU 920 Forage Boxes, 6' sides w/screen section, pintle aprons, 3rd btr and roof And Free Finance
FC 72C Flail Chopper

NEW STARLINE ROTA SPREADERS IN STOCK
Extra Discount The Earlier You Buy
Models 930, 950

NEW TILLAGE EQUIPMENT
Bush Hog
(1) 1432-127 Tandem Disk Harrow 20" blades 10'6" cutting width $1,795 00
(1) 1436-073 Tandem Disk Harrow 22" blades 12'8" cutting width $12,995 00

Glencoe SSP-7 Soil Saver $4,195.00
Case 1800 3 pt Chisel Plow 10' & 12' cushion clamp 32" shank
McConnel 16 ft Wheel Harrow, manual fold $995

MISC. NEW EQUIP.
Sidewinder 7' Trailer Rotary Mower
Sidewinder 5' 3 pt hitch Rotary Mower

USED EQUIPMENT

TRACTORS
Case 800
Oliver 77 Gas
AC WD Gas

HAYBINES & MOWER CONDITIONERS
NH 460, 461
NH 469, 479
IHC 990 (1 yr. old)

FORAGE HARVESTERS
NH 717 w/hay pickup or corn head
NH S717 w/hay pickup or corn head
Gehl CB 600 w/hay pickup and corn head
NH 880 N2 corn head
1977 NH 1890 self-propelled Forage Harvester w/3208 cat 210 h p diesel engine, cab, air and heat, 12 knives, hydrostatic drive, 89A auger base unit, 890N3 row crop corn hd attch to change to wide row, 880 W windrower attch Only 258 hrs , kept inside, ex cond

FORAGE WAGONS
(1) NH #7
(1) JD 214

TILLAGE
Oliver 253 Disc 13'8" cut
12'2" Pittsburgh Disc
Kewanee 250 Field Cultivator, 16 ft 9 in manual fold wings
IHC 340 12' 3 pt spring tooth harrow

BALERS
NH 271 w/PTO thrower, rebuilt and repainted
NH 271 w/PTO thrower, rebuilt
NH 850 Round Baler

MANURE SPREADERS
NH 675 single beater
NH 518 sgl btr w/end gate & splash guard
NH 346 Tank Spreader
NH 202
NI 215 triple beater
MF 160 Single beater

SKID STEER LOADER
Case 1740D

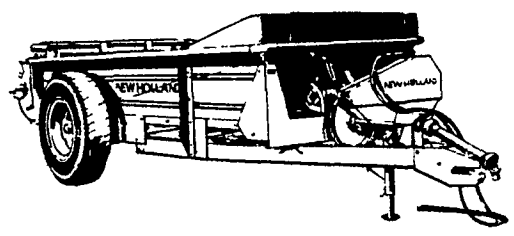
MISCELLANEOUS
NH 357 Grinder mixer

Call Ken Myer
215-827-7414

WAIVER OF FINANCE ON NEW & USED EQUIPMENT
• HARVESTERS • CROP CARRIERS • BLOWERS • HAY EQUIPMENT • ALL NEW & USED TRACTORS AND IMPLEMENTS SOLD WITH TRACTORS TILL MARCH 1, 1979.

INTRODUCTION OF THE NEW IH 84 HYDRO TRACTOR WITH 2250 QUICK ATTACH LOADER

Who Gives You New Sides Free on a Used Spreader?



Sperry New Holland does, if the old sides ever rust through during the useful life of the spreader. See Our New & Used Sperry New Holland Spreaders Now.

CLAY FUEHRUTTER FARMING

AUTHORIZED DEALER FEATURING LIQUID MANURE EQUIPMENT

— SPECIAL PRICES —
L35 SKID STEER LOADER - DEMO.
USED BOBCAT SKID LOADER

COMPLETE LINE OF USED EQUIPMENT

Farmall 656D Tractor
560 Tractor
NH S.P. 1880 Diesel, 3 Heads, (Good Cond.)
IH 315 Packer-Mulcher
Brillion 10 ft. Cultipacker
IH 1150 Grinder-Mixer
JD Grain Drill
MF Baler
NH 69 Baler
NH 269 Baler
NH 270 Baler
NH Super 717 1-Row Pickup
IH 225 S.P. Haybine
NH 479 Haybine
469 Haybine
Bobcat Skid Steer Loader, 2 buckets
IH 311 Plow
IH 50 Harvester
NH 365 Tank Spreader, Good Cond.
NH 510 Single Beater, Hydraulic gate
NH 475 3 Beater Spreader
Several Used Spreaders
IH 37 Disc Harrow
AC 10 ft. Transport Disc Harrow
Several Used Disk Harrows
Oliver 4 Bot. Semi-Mtd. Plow
IH 990 Mower-Conditioner
JD 494 6-Row Planter
JD 66 Blower
200 gal. Trailer Sprayer, fiberglass tank

MESSICK FARM EQUIPMENT, INC.

RHEEMS EXIT - RT. 283 ELIZABETHTOWN, PA.
PHONE: 717-367-1319 — 653-8867
M. DALE HERR - HOME 859-2490 WARREN SPICKLER - HOME 653-4560

SPERRY NEW HOLLAND

Happy New Year

(Combines) New J.D. 7700 w/213 grain & 444 corn heads, 78 J.D. 6600 D w/444 corn head used 60 hrs. w/full warranty, 1978 J.D. 4400 D w/213 grain (SOLD) & 444 corn head - like new.

Combines: Used J.D. 6600 Side Hill w/643 cornhead - 500 hrs. use, used Late Model Gleaner K w/cab, 12 ft. grain, K238 C.H. Gleaner K w/cab, 10 ft. grain, K240 corn head, M.F. 760 Combine w/6-row corn & 15 ft. grain. Int. 815 combine w/fire damage to engine, 744 cornhead & 13 ft. grain. New Idea 702 Diesel w/cab, 729A sheller & 4 row corn head. Gleaner K330 corn head. New J.D. 4640 w/air, quad range, New J.D. 4040 roll guard & Q.R. M.F. 1135 w/cab used 400 hrs., Farmall 1466 cab, air, duals. 1456 w/cab real nice (SOLD), Cub 185 LoBoy, Case 830 C.K. diesel. Case 830 C.K. gas. (New) J.D. 4440 w/roll guard, quad range. J.D. 4630 w/cab, power shift. J.D. 4320 w/cab & air. 2 J.D. 4020D w/power shift. JD 4020 D w/dual whls. 1970 J.D. 3020 D, J.D. 2510 gas, J.D. 4320 w/rollguard, J.D. 4320 w/fenders, J.D. 2630 w/rollguard. (New) J.D. 4240 cab, power shift, Farmall 656 D. Cub Lowboy w/mower & blade. Farmall 826 w/½ cab no TA., nice. Leyland 384D as is for $2800. Farmall 656 Hyd. gas, 756 gas. (New & Used Coming in:) New Int. 1440 axial-flow combine fully eq. w/2 heads. Used MF 750 combine w/grain & 6 row. real sharp: (Tractors) (New) J.D. 4240 cab air Q.R. 4240 Cab air P.S. 2 Used 4430 w/Q.R. Ford 8000 w/cab & air & dual power - nice. Farmall 1066 used 900 hrs., 856, 1256 original - nice, 544 utility gas, 806 tri. diesel - original. AC 7030 w/cab & air, JD 4010D W.F.

(New) Eq. at Discount Prices. Following are all (new) & reduced to sell: MF 1105 w/cab & multipower list 23,200, my price 18,200 - only 2 left. Case 2670 - Four wheel drive fully eq. w/dual wheels, 3 pt., Int. 445 baler $3975. Gehl 1290 haybines $4195. M.F. 33 grain drill $1775. J.D. 8350 grain drill $3375. J.D. 244 corn head $2575. New Hesston 1010 Hydra Swing Haybine $4850; (New Demo) Gehl 1500 round baler $4475.00; New M.F. 44 Cornhead $6400.00; New Int. #710 Six X18 tripplow $2850.00; New White 4 row 3 pt. corn planter $2950.00; New Brady 10 ft. chisel plow w/guage whls & twisted shovels $1450.00; New White 2-105 for $16,200. Farmall 140, Int. 3 pt. 4-row rolling cult. New Holland 256 rake, (All above are new machines). Used N.I. 1 row picker, N.I. 323 for $1675. N.I. #10 for $875. N.I. #7 for $500. Used tractors: Farmall 886 w/rollguard w/100 hrs., Farmall 1086 cab, air, diff. lock, radio 20.8x38 tires used 88 hrs - priced at $22,750.00. 666 diesel w/800 hrs. use, 656D W.F. nice, Int. 544 Hyd. utility gas, 856 w/front wheel drive, 1206 w/front wheel drive, Super A w/full line Eq. Cub 185 LoEoy w/large tires, Farmall 756 gas, 4 656 hyd. gas. Farmall 756 Hi clear tractor, Int. 454 utility used 500 hrs (SOLD). Just traded J.D. 4020D. w/turbo & 18x38 tires. Farmall 1066 w/rollguard & duals. M.F. 175 gas. J.D. 4430 w/rollguard & power shift, J.D. 3020D power shift, J.D. 4020 power shift w/cab, J.D. 2010 D, J.D. 2010 gas, Farmall 656 hyd. gas, W.F. as is $2500. 2 Used J.D. FBB 17 double disks grain drills, 5 Woods rotary cutters. J.D. 8630 w/18x38 duals & J.D. #330 (30 ft. hyd. flood disk). J.D. 7700D. w/cab grain & corn head. Gleaner F 2 diesel w/cab & air, grain, & corn head like new. N.I. 2 row 30" picker w/grinder. 1976 Chevy w/3200 miles w/14 ft. flat like new. JD 300 Picker w/12 roll bed & 244 (SOLD). Grove Forage Wagon real nice.) N.I. 30" 2-row picker real nice. Int. 574 D w/1850 loader. Oliver 1850 D. W.F. Priced to sell at $4900. 1970 J.D. 4020 /diff. lock & dual hyd., J.D. 3010 gas, Farmall 1566 w/roll guard & duals, 656 Hydro. D. Int. 4166 four whl. drive w/cab & 3 point, (New) J.D. 444 corn heads, (New) J.D. 443 corn head. A.C 180 w/cab, N.I. 279 Cut- ditioner, used 50 acres, Oliver 1650 w/over & under shift. (New) 325 N.I. 2 row N. w/super sheller, Case 660 combine w/cab & 10 ft. grain. White 6 row 30" No til, liquid, Inst. monitor, fully eq. Farmall (burned) 766. JD 3020 tri- diesel. Long 900 diesel like new, David Brown 1200D. Nice Farmall M, (New) J.D. 7000 six row planter, Farmall MTA, J.D. 4020D for $7200. J.D. BWA 16' Wing Disk, J.D. 14 ft. Plowing Disk. Int. 315 - 13' roller Harrow, Case 16 ft. wing disk.

HARVESTORS. New Holland 770 w/2 row narrow, New Holland 770 w/2 row wide & pick up. N.H. S717 w/2 row head, Fox Super 2000 w/2 row narrow & elec. sharpener. J.D. 38 Chopper w/2 row. Int. 350 w/1- row & pickup. Kools recutter blower, Int. 56 blower.

JOHN DEERE (New) 4440, power shift. (New) 4440 cab, air, Quad range. (New) 4430 cab air. (New) 4640 power shift fully equipped. (New) 4230 Quad Range w/rollguard, 730D, 720D, (Used) 4230's, 4620 w/cab, (2) 1967 & 1968 4020's, 3020, 2510, 5020 tractor puller. J.D. 630.

FARMALLS (Brand New) 986 cab & air, (New) 966 w/cab. (Used) 1066 gear, 966 w/cab (SOLD), 766, 1456, 806, 706, 1206 w/four whl. drive. 656 hydrostatic gas, Int. TD 6 w/blade. MTA, 766 gas - real sharp.

CASE (Used) 970 power shift w/roll guard, Case 970 w/8 speed, White (New) 2-85, Oliver 1855, 2050, 1850, 1800, 1750, 1600. Farmall M's from $950.

MASSEY FERGUSON 1130, 1100, 1080 diesel, 1135 w/cab, 175. A.C. 7040 w/cab PS, used 800 hrs., 200 w/cab w/1000 hrs., 180 w/cab.

COMBINES - M.F. 300 w/cab air, grain head & - three row 30" cornhead used 80 acres - like new, 1975 J.D. 4400 diesel, 1973 J.D. 4400 diesel w/443 corn head . J.D. 105 corn Special D w- cab & 2 heads, 95, 45, 40 Square backs. Int. 915D fully equip., w/grain & 744 corn head, $16,500. Massey Ferguson 510 D Hydrostatic w/quick tach heads, 510 D w/cab, air, gear drive, quick tach grain & 44 corn head $14,500.00. M.F. 300, 82 w/cab. N.I. 702 Uni tractors w/combines & shellers, 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Case 1660 w/cab, grain & 4 row corn head, N.I. 702 Uni w/cab, chopper 3 row 30" corn head. N.I. Uni #726 husking bed.

We Do Have - CORN HEADS - John Deere 443, 643, 444, 244, 435, 434, 335, 235, 234, Massey Ferguson 44, 63, 43, 24, 222, 422, Gleaner F335, A330, F430, CII 440, CII 430, Int. 763 six row, 227, 3 row J.D. model 313 for 55 combine (like new). Case 402. MF 321, 421. J.D. 335 for 55, 435N for 95. Int. used 863, 844. N.I. 3- row 30", Case 3 row 30". New J.D. 653 Bean head. 40 corn heads to pick from on our lot. Gleaner 438, Int. 844, 744 corn head.

BALERS - New Holland 275, New Int. 445 baler, Used Int. 440 w/thrower, New J.D. 336 w/thrower, New J.D. 346 w/thrower, N.H. 227 w/thrower, N.H. 275 w/thrower, N.H. 78 w/motor driven & PTO thrower, Case 220 w/thrower, N.H. 1010 bale wagon, New Jerr Dan Forage Wagon.

Ind. Equipment - Ford 4500 diesel loader & backhoe, J.D. 440 loader & backhoe, J.D. 440 gas crawler loader, D8 Cat w/blade, Int. TD6 w/blade, Case w/14 loader, 955 Cat Loader (SOLD).

CORN PICKERS - New Idea 2 row pull picker for $2700. , (2) (Used) narrow row w/12 roll beds, 2 nice (Used) 2 row wide w-12 roll beds, shellers and Super shellers, 3 row 30" pull picker with Super sheller, 319, 305 mounted w-12 roll bed & shellers. Super shellers for pull pickers, shellers for mounted pickers.

HAYBINES - (New) N.I. 272 Cut-ditioner $2900, (New) Gehl 1290. 3 used N.H. 469, M.F. 9 ft.

GRAIN DRILLS - (New) J.D. 8350, (New) M.F. model 33 seventeen disk.

CORN PLANTERS - 2 new J.D. 4 row 7000 plateless planters w/inst., J.D. 6 row 7000 w/inst., New J.D. 7000 six-row fully equip. w/fert. auger fill, used White 4-row no til air planter, Used White 6-row 30" no till fully equip. w/liquid, inst. monitor, Used Int. 4 row 400 Cyclo (nice), Int. 56 4 row w/inst. J.D. #1300 - 6 row plateless w/inst. & monitor.

PLOWS - New White 508 - 5-18 automatic reset. J.D. and Int. 4,5,6,7 trip and resets. Oliver 5,6,7 trip and Hydraulic reset, chisel plows 3 point 10-13 ft. Int. 4x rollover plow good cond., Glenco SS7 Soil Saver (Demo).

TRACTORS & EQUIPMENT - Farmalls - 1466 cab & air, 2- 766's, 706D, 560D, Ford 8600 w/dual power, (New) Glencoe SS7-9 ft. Soil Saver $4150.00, (New) Glencoe SS9-11 ft. Soil Saver $4500.00, White 24 ft. hyd. fold wing disk, (Used) J.D. 16 ft. plowing disk . Oliver 1950T w/over & under shift, MF 300 Combine w/cab, grain & 2 row corn. N.I. 702 Uni w/sheller & 3 row 30" corn head. (New) Int. #350 - 11½ ft. Disk, (New) Pittsburg 11 ft. Disk, Brady 9 ft. Pull Chisel Plow. Int. 7- 8X auto. reset on land hitch, White 18 ft. wing disk, Kawanee 22 ft. wing disk. Planters - (Used) J.D. 1440 4 row no til plateless, 494A. White 6 row no-til, liquid, air, Inst., monitor, fully eq. Loaders - J.D. 158, (2) 1972 J.D. 4020, 1970 4020, Farmall M w/power steering, Farmall M w/12 volt system. Int. 6X auto. reset plows.

Combines - Gleaner F w/2 heads. Cabs for J.D. & Int. tractors. Farmall 1066 w/20:8x38 tires, (Used) J.D. 4430 cab air Quad Range, Trucks - 1974 Ford Pickup real nice, 1971 Ford ¾ ton (SOLD), 1971 Int. Roll back, 1967 Int. diesel Roll back $4,000. 1977 Delta 44 ft. Combine trailer, Farmall 826, Blade for Int. TD6 crawler. (New) 11½ ft. J.D. 1630 plowing disc, $4500.00. (New) 10 ft. Hutch Master plowing disks. J.D. 105 diesel combine w/grain & 4 row head $7,000. J.D. 243 Snapper corn head. M.F. 1100 diesel. 1970 J.D. 4020 w/cab, Int. 234 picker w/bed & sheller attach. Int. 82 pull type, (2) N.I. 3 row pickers w/shellers, Brillion 15 ft. field Cultivator.

OLIVER 1850 w/over & under shift and duals, Disk harrows - Brillion 13 ft. & 15 ft. cultimulchers, (New) Kill Bros. gravity bins. New Holland 717 pick up heads, pick up heads for Int. 55, 550, 555, 650, also Int. 16, 350, J.D. 38, 34 pick ups. (New) Kill Bros. 8 ton running gears. Fox pickup head, Fox 3-row 30" corn head, Direct cut head JD 3800 & 38. (30) sets of dual wheels all sizes.

For your needs call:

STITZEL FARM EQ. INC.

East Windsor St. & Krick Lane
Hamburg, Pa. 19526
Phone bus. 215-562-8377
home 215-562-7451

STOLTZFUS WET LIME SPREADER

Will spread fertilizer, poultry wastes, etc.

- Leaders in accurate spreading for ¼ of a century.
- Truck mounted or tractor drawn.
- Manufacturers of boom type for dry materials.
- Distributors for the famous Willmar line of quality spin spreaders, tenders, etc.
- We stock spreaders and parts.

Pre-Season Discount If Ordered NOW.

C. U. STOLTZFUS MFG. INC.

Morgantown, PA 19543
Ph: 215-286-5146

AGRICULTURAL INDUSTRIAL EQUIPMENT CO.

NEW IDEA FARM EQUIPMENT
SPERRY NEW HOLLAND
Brillion
ALLIS CHALMERS

CrustBuster Tillage

NEW HOLLAND Interest FREE on Forage Equipment Till 8/11/79 - Hay tools interest FREE Till 5/1/79

CHECK OUR 40-50 HP DIESEL TRACTOR DEALS

TRACTORS

Farmall B
AC 7000 w/cab, 595 hrs.
(1) AC D17 Gas, good cond
AC WD 45
AC C w/attachments
MF 245 Dsl 312 hrs
MF 50 Gas
JD 4430 Dsl. w/loader
Ford 841 Loader (coming in)

MISC. EQUIPMENT

(2) MF 12 Baler
NH 69 Baler w/motor
NH 78 Baler
NH 269 Baler w/motor
NH 320 Baler w/thrower
NH 850 Round Baler
Hesston Round Baler, ex
Gehl 1500 Round Baler
Bush Hog Bale Loader Model 700
NH 258 Rake
JD 830 self-prop Windrower.
Lely Cube 8 Bale accumulator, groups 8 bales & loading attcl
(2) AC No-Till 4-row Planter
AC CII Gleaner 13' grain head, PU reel, 4-30" corn hd, $6,500
Gleaner G w/cab, good condition 13' grain, narrow or wide corn head
1976 MF 260 Forage Harvester w/2-RN, WPU, 2 RN ground ear corn
Fox 546 Forage Harvester
NH 880 N 3 head, like new
Woods C80 Mower, used
(1)(2) NH 479 Haybines
Hesston 500 Haybine, SP
(4)(3) Used Blowers
(2) NH 27 Blower excellent
(5) Skid Steer Loaders, Case 1740, Case 1737, MF 711, Bobcat 600, Gehl 4400 hydro
Brady 4-row Stalk Shredder
(10) Used Garden Tractors, all makes & H.P
(3) Used Discs 10', 12' & 13'
Hesston 1014 Hydro Swing
(2)(3) JD 16A Flail Choppers
(10) All Sizes Used Spreaders
10' Brillion Sure-Stand Grass Seeder, 296 acres
(2) Badger 18' Silo Unloaders
Hesston PT10, 1 yr. old , ex cond.
IHC Chisel Plow 9', ex. cond.
NH T330 Trencher
Woods 120 Mower

MOST SIZES USED SPREADERS NEW HOLLAND & NEW IDEA

NEW TRACTORS

All H P. Available

NEW EQUIPMENT IN STOCK

All Sizes Woods Mowers
Brillion Transport Harrows 12' to 20'
(3)(5) NH Skid Steer Loaders
(2)(3) NH Choppers
NH Spreaders, box & tank
NI Cut/Ditioner 7 & 9 ft
NI Spreaders, all sizes
Crust Buster Heavy Offset Disk, in stock

PUBLIC AUCTION

NEW & USED EQUIPMENT
MON. JAN 29, 1979
10:00 A.M.

Sales Call Ed Greenleaf -
Sales Call Phil Hite Sales Call Chuck Huester
Service Call Milt Whiteside
Rt. 273 Rising Sun, Md.
301-658-5568 301-398-6132
Immediate Financing
Hours Mon thru Fri 8 to 8 Sat 8 to 4
CLOSED SUNDAY

LONG

CONSIGN YOUR USED EQUIPMENT TO OUR LOT

LONG

OFFERS CONSIDERED

RUBBER TIRED LOADERS

Hough 2 WD w/backhoe	$2500
JD 1010 w/ldr. - as is or repaired	$2800 or $5800
Int. 300 w/power steering	$3450
Ford Uniloader	$3800
[2] Case 1740D Uni-loaders	$3900-$5500
AC TL16 Diesel w/Cab	$8500
CAT 944-new tires-rebuilt engine-cab	$14,500

COMBINES

MC 76	$250
JD 30 pull type	$1000
Int. 101 - 10' Hume Reel - nice	$2250
[3] NI 710 Uni Combines	$2350 each
Int. 203	$3750
Int. 82 pull type	$3750
JD 40 - 10' Hume Reel - nice	$3750
Int. 203 w/cab	$4000
JD 45 w/cab - 10' head	$4250
Int. 203 w/cab - clean	$4500
NI 701 Uni Tractor w/cab	$4500
JD 45 Square back w/cab	$4750
[2] Gleaner CII w/cab	$5750-$6250
Gleaner EIII w/cab	$6750
Int. 205 w/cab	$6750
JD 55 Square back w/cab - hydrostatic	$6750
MF 410 w/cab	$8250
MF 510 w/cab - quick tach	$8750
Gleaner K w/cab	$8900
[2] Long 5000 Diesel w/cab, demo	$11,500 each
JD 4400 w/cab	$16,500
NI 702 Uni Tractor w/cabs	coming in

CARS & TRUCKS

1964 Chevy Impala Convertible - PS - PB - Auto	$1500
1965 Int. Horse Van - clean	$2000
1962 Ford w/16' Dump & Cattle sides	$2950
1975 Chevy Monte Carlo	$3900
1969 GMC - Flat Bed Dump	$3750
1964 Corvette - 2 tops - 4 speed	$4900
1977 Chrysler Cordoba	$4950
1978 Chevy Pickup - PS - PB - Auto	$4950
1978 Dodge Aspen Station Wagon - 4000 miles - air - like new	$5695
1972 Ford F350 - 15' rollback & winch	$6250
1975 Cadillac Fleetwood Brougham	$6500
1976 GMC Customized Van - Midas Touch - loaded	$6995
1978 Chevy Scottsdale - 4WD Pickup - - auto. - PS - PB	$7100
1971 Int. w/Machinery Tilt Bed & Winch	$7500
1970 Chevy C50 - PS - 5 & 2 - hay body - clean	$7500
1973 Int. 1600 w/14' grain dump - very good cond.	$7500
1973 Ford C900 w/22' bed - air brakes - air conditioning - 2 speed rear - power steering - stake sides	$8500
1977 Cadillac Coupe Deville - Loaded	$8850
1978 Lincoln Versailles - loaded - 7000 miles - lists for over $13,800	$10,900
1976 Chevy C65 w/new 18' Omaha Grain Dump - sharp	$13,500
[3] 1979 Chevy 4 WD Pickups - ½ ton heavily loaded	Call For Price
[2] 1979 Chevy 4 WD Pickups - ¾ ton heavily loaded	Call For Price
1979 Int. 4200 Tandem - 318 Detroit 13 Speed Roadranger - power steering - full screw - 26' Jerr- Dan 15 ton Rollback with winch - 20" Budds	Call For Price

CRAWLER LOADERS

Case 310 - 4 in 1 bucket	$6500
CAT 933	$6500
Case 450 w/ripper	$7500
CAT D4 - cleaned & painted	$7500
JD 450	$9500
JD 350 - new undercarriage	$9500
Case 1150 - 1970	$14,500
CAT 931 - 1974 ROPS - rebuilt u/c	$21,500
CAT 941 - new undercarriage	$23,500
CAT 951C w/ROPS - new under carriage - 1974	$32,500

NI SHELLER & GRINDER ATTACHMENTS

UNI SYSTEM EQUIPMENT

[3] NI 729 A Sheller	[2] NI Uni Pickup Head
[3] NI 710 Combine Unit	[4 NI 3x30 Corn Head
[2] 711 Grain Head	[3] NI 3x40 Corn Head
[2] NI 4x30 Corn Head	NI Uni Harvester
[2] NI 3x30 Harvester Head	NI 702 Tractor w/cab
NI 2x40 Harvester Head	NI 701 Tractor w/cab
[3] NI 2x40 Corn Head	NI 727 Husking Bed

FARM TRACTORS

AC C w/2 row cultivator - hydraulic - clean	$750
Farmall 450 gas	$1500
JD MT w/cultivator - clean	$1500
JD G - power steering	$1500
Farmall Cub - plow - mower - hydraulics	$1750
Ford Jubilee - 3 point	$1950
Farmall Super A w/cultivator-clean-fast hitch	$2150
Farmall 560 - D - FH	$2450
Oliver 1550 utility	$2850
Ford 800 w/plow - harrow - disc	$2950
Farmall 140 w/FH & cult.	$3400
JD 730 Diesel - 3 pt. - direct electric	$3450
JD 730 Diesel - Sharp	$3450
Int. 300 w/loader & power steering	$3450
JD 820 Diesel w/PTO - clean	$3650
Farmall M-w/NI 12 roll picker	$3750
Farmall Cub - rotary mower - 1977	$3950
Farmall 706 Diesel w/3 pt.	$3950
Farmall 706 Diesel - FH - Try	$4250
Ford 4000 Diesel-row crop-8 speed-PS	$4450
MF 175 Diesel utility - multipower	$4450
Case 1030 Diesel - WF - 3 pt.	$4500
MM G900 Diesel - WF - PS	$4500
Case 930 CK	$4850
Case 930CK Standard	$4950
MF 1130 w/rollbar	$4950
Farmall 706 Diesel - WF	$5250
AC 180 Gas	$5750
Int. 656 Diesel - Hydro w/loader & roll bar	$5750
[2] Long 560 - 200 hours & 400 hours	choice $5750
Oliver 1850 w/over & under	$5950
Long 460 - New	$5995
Case 1030	$6500
Long 560 - 4WD- loaded - 300 hours	$6750
Case 930 CK - New Paint - New Tires	$6950
MF 1100 Diesel - WF - clean	$6950
Farmal(SOLD)- clean	$6950
[2] Long 445 DT w/ loader - 4 WD - 100 hours - demo's	choice $7000
Long 560 4WD - demo	$7250
Case 1030 CK w/duals - Very Good	$7500
Case 1030 CK w/cab - Very Good	$7500
Farmall 706 Germa(SOLD)ean - 1967	$7500
Farmall 806 - WF - 3 pt.	$7950
MF 1130 - 1967	$8000
Long 560-4WD-new	$8450
MF 1130 w/duals - 1970	$8500
Oliver 1855 - 18.4x38 tires - 2500 hours - new 1955 engine changeover	$8750
JD 5020	$8750
Long 560 - 4WD - HI Clearance Model w/130 hours	$9500
MF 1085 w/cab	$9500
Ford 8600 - dual power - 1973 - 2500 hours - 4 set weights	$9750
IH 1456 - 1970 - new tires - clean	$9750
Ford 9600	$9,900
JD 4020 Side Console - new tires - clean	$10,500
IH 1066 hydro - 1971 - new tires - clean	$10,950
Farmall 966 w/cab - air	$11,500
Farmall 1066 w/cab - 1973 - air	$11,950
JD 4620 w/cab - air - 20.8x38's	$12,500
Case 1370 w/cab & duals	$13,500
Long 1110 DT - 4 WD - new	$14,900
AC 7000 w/cab - 600 hours - air - weights	$15,900
Int. 4166 - 4 WD - Cab - Air - 3 pt. - PTO 28.1x26 tires - 1974 - 2100 Hours - Weights	$18,500
Case 2470 - Cab - Air - 3 pt. - 4 WD - low hours	$19,500
Farmall 1466 - Red Cab - Air - 4 WD - 1975 2000 Hours - very clean	$19,500
[2] Long 360 - new	$5695-$5995
Long 460 4 WD - new	$7850

BACKHOES

New Long 3 pt. w/pump - set up	$3750
Long 5-in-1	$5900
Int. 3514 - hydrostatic - 1970	$7500
Int. 3616 - hydrostatic - 1969	$6900
Int. 3800 - 4 WD - cab	$11,800
Long 5-in-1 w/4400 crane - cab - Demo	$26,500

MISC. CONSTRUCTION

[150] Backhoe & Loader Buckets	$75 & up
[5] Sweepers - mounted	$200 & up
[12] set Forklift Forks	$250 & up
ROPS for JD 350 crawler	$250
Stationary Compressor for small garage	$500
Ripper for Case 450	$750
Farmi 3 pt Winch	$950
Rubber Tired Roller	$1000
Ripper for late Int. TD6	$1250
5 H.P Garage Compressor - like new	$1750
Winch for JD 350 crawler	$2000
Huber Maintainer - clean	$5000
Lorain Truck Crane - Cummings diesel - 18 ton	$5500
CAT 12 Grader w/Cab	$8500
Lorain 30 Ton Truck Crane	$20,000

NEW & USED DUALS ON STOCK

WANTED

TRACTORS & COMBINES FOR SALVAGE

LOG SKIDDERS

Int S7C	$7850
JD 440B - 1973	$10,500
JD 440B - 1970	$11,500
JD 540 Powershift	$13,500
JD 540 - powershift	$14,500
JD 440B - 1974 - powershift	$14,500

"3 PT. SCRAPER BLADE SPECIALS"

6' . . . $185 7' . . . $205 8' . . . $295

FORKLIFTS

Motolift - as is	$1000
Clark 5000 lb. Solid Tires	$1350
White - Solid Tires	$4500
Yale - air tires - clean	$4800
MF 2200 Diesel - 1972	$5900
York-Baker-air tires-clean-8' forks-excel.-700 lb.	$10,500
Case 586 Diesel - Hydrostatic - 6000 lb. - new tires - 1974 - clean	$14,500

CRAWLER DOZERS

CAT D4(SOLD)nch	$2000
Int. TD 6-late model- ripper	$5900
JD 350-6 way(SOLD)	$5900
Int. 500C	$7500
CAT D(SOLD)an	$9500
CAT D8-15A	$14,000

TRAILERS

[20] NEW Hudson tag-a-long Trailers	From $500 to $5000
Gramm 30' flat	$975
Lowboy with beavertail	$2950
1978 Fontaine 42' drop deck	$9500
1977 Delta Combine Trailer - 44'	$11,500
Great Dane 35 ton detachable	$13,750

FIRST CALF SPRINGING HEIFERS — ALL HOLSTEIN

★ 30 TO CHOOSE FROM

$750 CHOICE

OTHER EQUIPMENT

Saw Bucks	$65 & up
New 3 pt. Carryalls	$150
Stalk Chopper for balers	$150 & up
Jamesway Silo Unloader (new) as is - 14'	$295
[2] JD 43 PTO Shellers	$350 & up
Snowmobile	$350
Int. Roll Bar	$350
[12] NI sheller & grinder units	$375 & up
White - Ol(SOLD)oll Bar	$450
New Little Giant corn drags	$500
New Wood Splitter for 3 pt.	$600
JD 43 3 pt. Sheller - clean	$695
Cab for JD 4010	$750
[3] Int. 234 Sheller units	$1000 choice
NI Wheel Rake (demo)	$1150
[2] MM D PTO Sheller w/drag	$1250-1750
New Cardinal 51'6" Auger	$1550
Cab for 930-1030 Case (New)	$1750
NI 272 Cutditioner	$1975
Demo Wetmore Feed mill	$2750
New Grainovator 30 wagon	$3500
Lots - lots more	

NEXT CONSIGNMENT SALE

FEBRUARY 19

9:30 A.M.

LONG

WENGER'S INC.

LONG

HOURS.
Mon. thru Fri. 7:30 - 5:00
Sat. Mach. Dept. 7:30 - 3:00
Parts Dept. 7:30 - Noon

South Race St., Myerstown, PA 17067, just off Route 501 and 422 in Myerstown

PHONE: Days 717-866-2135, Nights 717-866-7147 OR 717-273-9089

FARM EQUIPMENT

TRACTORS

IH 186, 1 yr. old
White 2-105 w/duals 500 hrs.
IH 400 w/plows, new paint

HARVESTING EQUIP.

Field Queen 7600 w/2 heads, 300 hrs.
JD 6600 combine w/2 hds, sharp
JD 4400D w/13' Platform 4-row narrow corn head
JD 40 combine w/2 hds
Ford 612 Harvester - new

PLANTERS

JD 1440 w/monitor
AC 600 Air-Champ w/monitor
White 5400 Air w/monitor

TILLGE EQUIPMENT

IH 710 5-20 Plow
JD 145 5-16 Plow
IH 550 5-14 Plow
IH 4-14 fast hitch Plow
IH 3-14 Trailer Plow
JD 640 Plowing Disc
JD 950 15' Roller Harrow
Ford 3 pt. 201 Disc.

HAY EQUIPMENT

NH 1495 SP Haybine, 1 yr. old.
JD 24T Baler w/ejector sharp
IH 430 Baler w/thrower
IH 420 Baler
JD 14T
NH 256 Rake
NH 451 Mower, used once

MISCELLANEOUS

IH 1250 Grinder Mixer w/scale
NH 30 Whirl-Feed 1000 RPM Blower
IH 555 Manure Spreader
NH 675 Manure Spreader
NH Flail Spreader
MF 205 Spreader
JD 70 Tank Spreader
Welsh 300 gal. 3 pt. sprayer
(2) JD 216 Forage Boxes

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132

FARM EQUIPMENT

NEW & USED EQUIPMENT FOR SALE

Used Tractors

AC D-10, D-17, D-19, 160, 170, 175, 180, 185, 190XT, 200, 210, 220 w/4 whl. dr., WD 45, wide front end, PS & loader; 7030, D-14 w/cult.
Ford 8N, 600, 800, 6700, 7600, Jubilee
JD 2510, 2640, 2840, 4020, 4030, & 4230, 3010
IHC Cub, Super C, 200, M, 706, 856, 966, 1066, & 100 hydro
White 2-105
MF 35, 165, 265, & 285

Used Equipment

NH mover grinder mills 352 & 354
Ford 9' plowing disk
NI 323 1-row pickers
GT 370 grain dryer
NH 36 flail choppers
NH tank type spreaders, 150 & 250 bu.
Used industrial machinery
AC 653 & 652 crawler dozers
AC 715 tractor loader backhoe
JD 310 tractor loader backhoe
JD 450C dozer w/6 way blade
JD 440B & 440C skidders
AC 840 pay loader
Hough 30 pay loader
Int. 3200 skidster loader w/hydraulic snow blower
1964 White tandem diesel dump truck

New Equipment

NI 3 pt. hitch snow blower
Brady 990 hyd. drive mixer grinder mill, special price.

Good selection of new AC tractor, NI & Hesston hay & forage Equipment. No money down, interest deferred to mid 1979. NOW is the time to buy for year end tax investment credit.

MARSHALL MACHINERY
RD #4
Honesdale, Pa.
18431
Ph: 717-729-7117

FARM EQUIPMENT

FARM EQUIPMENT

HARVESTING EQUIPMENT

TRACTORS

JD 4320 Dsl. w/RG & enclos.
JD 4020D, side console
JD 4020 Dsl. '68 Model
JD 4020 Gas WFE
JD 4010 Dsl. WFE
JD 284(SOLD)0 hrs.
JD 3020 Dsl. PS, Side Console
JD 3020 Gas
JD 3010 Dsl.
JD 2630 Dsl.
JD 2520 Dsl.
JD 2(SOLD)s
JD 2030 Dsl.
JD 2020 Gas
JD 1(SOLD)s
JD 730 Dsl. Elec. Start
JD 720 Dsl. Elec. start
JD 630 Gas
IH 986 Dsl.
IH 856 Dsl.
IH 756 Dsl.
IH 756 Gas, very nice
IH 674 Dsl.
IH 656 Gas
IH 560 Gas, WFE
IH 560 Dsl.
IH 130 w/mower
Ford 9000 w/cab
Ford 5000 Dsl. 8 spd.
AC 190XT Series III
MF 1100 Dsl.
MF 1085 w/cab
Oliver 2155D
Oliver 1850 Dsl.
Case 1030 Dsl. CK w/cab
Case 995D '75
Case 970D
Melroe Bobcat

CORN PICKERS

Selection of New Idea 1 & 2 row Pull Type & Mounted Shellers & Grinders

DISCS

JD BWF, folding
JD BWA, AW, & RWA
Offset Discs - JD 10' Miller 12'

PLOWS

JD, IHC 3, 4, 7(SOLD) bottoms.
Ford 3 pt. 4 bottom

COMBINES

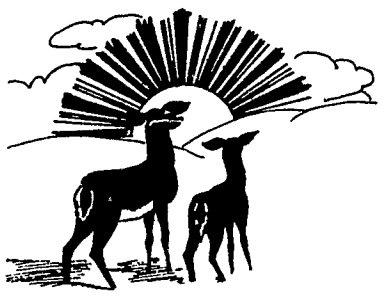
MF 410 w/Quick Tach Grain Platform & Pickup Reel. Choice of corn heads.
MF 82 w/platform & 2 row corn head
IH 715 hydro w/grain platform & 4-row wide corn head
IH 205 w/Grain Platform & 2 row corn head
JD 55 Squareback w/-Quick tach platform
JD 4400 D w/grain platform & 4-row narrow corn head, ex. cond.
JD 4400 Gas w/grain pl(SOLD)
IH 82 pull type, ex. cond.
NI 701 Uni 710 combine, 13' platform, 723 2-row C.H.

NEW BALERS

JD 336
Used NH 273, Ex. w/throwers
Used JD 346 wire w/thrower
Used NH 276 w/thrower

HAYBINES

NH 477, 479
JD 485 & 1209
Hesston PT10, 1010 Hydro Swing



BEST WISHES

Good times. Good friends. Good luck in the New Year.

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049
215-965-5203

FARM EQUIPMENT

FARM EQUIPMENT

INTERNATIONAL® AGRICULTURAL EQUIPMENT

USED TRACTORS

IH F-1066D w/new TA 13,500
IH F-966 D, 2000 hrs. 12,800
IH Super C w/2 pt. 1,150
IH F-706 Diesel w/3 pt. 7,500
IH F-350 G 2,500
IH F-966 D 12,500
IH F-350 D w/2 pt. overhauled 2,900
MF 1080D 6,900
Farmall A w/cult 950
AC D15 w/loader . . . . . Coming In
Farmall 504 Gas . . . . . Coming In

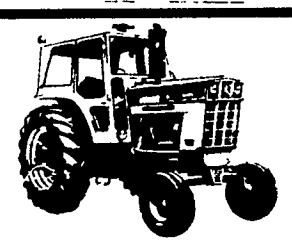
USED COMBINES

JD 40 Combine SP 8 ft. (fair) 2,000
NI 731 4-row wide head 4,800
NI 760 Forage Harv. w/3-row narrow row head 3,400
NI 701 Uni-System, NI 710 Combine, NI 713 Grain Plat., NI 728 4 RN hd. . 10,000
IH 227 Corn Head, 2-row 650

MISCELLANEOUS EQUIPMENT

Gehl 50 grinder mixer . . . . . As is 750
Used IH #7 flail chopper 1,250
IH 125 spreader 250
Hawk Bilt model 205 1,150
Starline spreader, left hand 850
IH 155 Spreader 900

MIFFLINBURG FARM SUPPLY, INC.
East Chestnut St.
(717) 966-3114
Mifflinburg, Pa. 17844



USED EQUIPMENT

Available Next Week...
New Red Seat 1086 International w/cab and air, 18.4x38 Tires
$23,750.00

Black Stripe 1466 Farmall w/cab and air, 18.4x38 tires, dual PTO's, 2300 hrs. $15,900.
IH 1066 Hydro w/cab, 1030 hrs., $12,000. A Real Sharp Tractor
IH 766 w/400 hrs.
IH 966 w/cab
Deutz 7206 perfect
John Deere 4020 Tractor, PS, Clean
Farmall 1456 Tractor w/cab
Farmall H Tractor
IH 1456 Tractor w/cab
Case 1175 Tractor
Case 770 Diesel, Power Shift
1976 MF 1155 Tractor, 500 hrs., cab, air & duals
AC 185 Diesel with year round Cab
IHC 1066
MF 300 quick tach combine w/corn head and grain platform, real nice
IH 615 Combine w/2 heads
Gleaner K Combine
NI Wide row pull picker w/8 roll bed

USED PARTS FOR SALE

1066 Hydro Farmall, badly burnt
Farmall 560 for parts or repair
Farmall 460 Diesel
Cummings 335 engine for parts
Cylinder Heads for 318 Detroit

Remember...INVESTMENT CREDIT is good on our equipment too!

Most of our Tractors Sold Thru Winter Carry a 100% Money Back Guarantee Thru May 15, 1979.

RAYMOND B. LEAMAN
Willow Street RD 1, Ph: Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton.

COMBINE CORN HEADS

(LARGEST SELECTION EAST OF MISSISSIPPI RIVER)

[6] Cleaner E240
Gleaner A330
Gleaner F430
Gleaner C430
[3] Gleaner C440
[2] Gleaner C630
Gleaner FL330
[3] Gleaner EIII 240
Gleaner A240
Gleaner K Grain Head
[2] Gleaner KL238
[2] JD 435 - 30"
JD 434 - 40"
[7] JD 234
[5] JD 210
[19] [5] JD 444
JD 643
[2] JD 10
[2] JD 313
JD 244
JD 443
JD 643
[5] JD 205
[2] JD 343
[4] JD 334
JD 335
Int 430
[11] Int. 22?
[3] Int. 229
Int. 228
[2] Int. 329
Int. 733
[3] Int. 327 WN
[4] Int. 429 WN
[2] Int. 22
[4] Extra IH Grain Heads
[4] MF 222
MF 44
[2] MF 33
[2] MF 20
[2] MF 22
[2] MF 321 for 300 & 410
[2] MF 421
[2] MF 422
[2] Extra MF Grain Heads
NH 922 For 985
Case 404
[2] Case 345 (2 row)
[3] Oliver 522
Oliver 512
[2] Oliver 531
[2] Oliver 541
Oliver 544
MM H210
4 x 40 For NH 985

LOOK FOR OUR AD IN NEXT WEEKS ISSUE FOR FARM SHOW SPECIALS

WENGER'S INC.

South Race St., Myerstown, PA. 17067, just off Route 501 and 422 in Myerstown.
PHONE: DAYS - 717-866-2135, NIGHTS - 717-866-7147, or 717-273-9089.

FARM EQUIPMENT

MF
Massey Ferguson

NEW EQUIPMENT IN STOCK
Free financing on combines until Sept. 1, 1979 & tractors until April 1, 1979

MF 1155 tractor, with cab, air cond. & duals
MF 2745 tractor, with cab & duals
MF 1085 tractor, diesel, 8 speed
MF 285 tractor, 8 speed
MF 760 combine with cab
MF 540 combine
NH L325 skid loader

USED EQUIPMENT

Int. 1066 Turbo w/air - 700 hrs. $16,500

Ford 8N Tractor
Oliver 550 gas tractor
Ferguson TO 30 tractor
MH 30 tractor
MF 165 gas multipower
(2) MF 300 combines
MF super 92 diesel combine
2 JD 12A pull type combines w/motors $250 each as is
MH 80 combine, 2 row head, 12 ft. grain table
Case 1160 combine, corn special, 4 row wide head, 13 ft. table
Gleaner F corn-soybean special, 4 row wide head, 13 ft. table 1972 model
NI 1 row corn picker
(2) MF 33 corn heads
MF 24 corn head, 10 ft. table, pickup reel
NH 285 baler $3200
NH 36 crop chopper
NH 7 forage wagon completely rebuilt
MF 33 Grain Drill
GT grain dryer, 350 bu. model 370

January Special
10% Disc on all Parts & Service
Twine - Early Order Clover & Plastic $12.50 per bale.

ABRACZINSKA'S Farm Equipment, Inc.
RD 1, Catawissa, PA
717-356-2323
(south on Rt. 42)

LIVESTOCK & SUPPLIES

For Sale - Registered Quarter horses. Broke 2 yr. grey gelding, Broke 2 yr. Chestnut mare, 5 yearlings, 8 weanlings. Visitors welcome. Ph. 215-488-6914 Berks Co., Pa.

For Sale - 1 Registered cow, 1 Hereford bull, JD wide front end, 3 pt. hitch for 656 Farmall Ph: 717-925-6816.

For Sale - small herd of Holsteins, all artificially sired, home raised, several to come fresh soon, balance mostly fall cows. 717-229-2055 12-1 p.m.

LIVESTOCK & SUPPLIES

Several large Yorkshire and Hampshire bred gilts, 40 large open gilts, 25 smaller open gilts, few service age boars. John Strawbridge, RD 1, Stewartstown, PA 301-996-2022.

For Sale - Reg. bull born 2-9-77. Sire: Betterway Rear Admiral, York Co. 717-456-7164.

Small herd (12) Guernsey & Jersey dairy cows, accredited & certified. 717-275-3309 after 7:30 P.M., Northumberland Co.

For Sale - 2 Registered Holstein bulls, Service age, 1 sired by Astronaut, 1 by Tippy. Raymond M. Hoover, Whitehorse, PA 717-768-8785.

Wanted - Young Herd of 30 head high producing Holstein cows, with good breeding, will be ready by Mar. 1, John L. Stoltzfus, 2447 Stumptown Rd., Bird-in-Hand, PA.

Wanted - 20 used cow stalls. Raymond S. Martin, Selinsgrove, Pa., R.D. 3, Box 157.

For Sale - Dairy cows, all kinds; International cattle truck; Chevrolet truck; MM combine. 717-423-6438.

For Sale - Angus crossed brood heifers with health papers, some bred some open. 717-896-3630.

For Sale - Turn-of-the-Century carriage, new harness and good Standardbred driving mare. Excellent condition. Entire package $1300. Ph: 609-935-7315.

For Sale - 4 2 yr. old grade Holstein heifers, fresh and milking 50-60 lbs. Jacob K. Stoltzfus, Oxford PA 717-529-2935.

For Sale - Sorrel, Belgian, stud (yearling) colt. 304-725-2870.

For Sale - Complete herd of 50 head mostly first & second calf heifers. Shipping a ton per day with many to freshen shortly. This is one of the better herds. S.K. Norman, Lebanon, R1, PA. Ph: 717-866-4208.

Wanted - Good herd of 20 to 25 dairy cows, would be ready by March. Write or see Amos S. Stoltzfus, Box 287, R.D. 1, Bird-in-Hand, Pa. 17505. On Snake Hill Rd.

For Sale - at all times, Buggies, Sleighs, & Spring Wagons. 215-273-3029.

Wanted - 2 female donkeys 914-631-1154.

For Sale - Selling 25 head out of a herd of 75 Holstein cattle, you pick. 301-756-6142.

For Sale - 21 Holstein heifers due to freshen through mid winter. 717-653-8703.

30 Choice feeder pigs, wormed and castrated, 40 lb. average. Chihuahua puppies. 717-354-0293.

For Sale - 4 good springing Holstein heifers. 717-274-1240 after 6 p.m.

For Sale - Polled Hereford Bull, Purebred, no papers Born Feb. 78, $350. 609-935-4072.

For Sale - 75% Limousine bull with papers. Wanted to Buy Hay stacker. 717-249-3224.

For Sale - 1 springing Holstein grade heifer and 2 others due in Jan. 717-949-3842 Lebanon Co.

For Sale - Holstein Herd 60 cows, 30 heifers. 215-987-6366.

LIVESTOCK & SUPPLIES

DUROC & LANDRACE
Boars & Gilts
DUTCH VALLEY FARM
R.D.5, Manheim, Pa. 17545
717-665-6220
Mark Nestleroth
717-665-2588
John Chapman

For Sale - 1 Purebred Simmental bull, Signal x Galant-Parisian Dam, calved 5/6/77. (2) ¾ Simmental bulls, 1 Toni x Pacific - Hereford Dam 4/24/78, 1 Bold x Ueli - Angus-Hereford Dam 3/28/78. Edward Pierce, Neshanic Station, NJ. Ph: 201-369-4039.

For Sale - 3 Registered Landrace & 3 purebred Hampshire boars. 4 rubber cow mats. C. Lee Bixler. 717-426-1539.

For Sale - 5 Bred York-Hamp gilts. Ph: 717-529-6278 S. Chester County.

For Sale - 2 Holstein heifers due end of Dec. 717-456-5371 after 6 p.m.

For Sale - Reg. Morgan, Flashy going 15.1, good broke gelding to ride and drive, 7 yrs. old, best offer. 717-469-2300 after 5 p.m.

For Sale - Herd of young Holstein cows, mostly first & second calf heifers, herd average close to 15,000M on DHIA, owner retiring. 301-578-9868.

LIVESTOCK & SUPPLIES

Buying or selling a herd or group of dairy cattle? Call "The Farmers Friend" Col. Fred R. Daniel Auctioneer and Private Sale Agent. We have buyers and sellers at all times. 201-369-4784 8-9 p.m.

For Sale - Registered Landrace boars, top blood lines, service age. David Korns, Wellersburg, Pa. 15564. Somerset Co., call 814-324-4596.

For Sale - 7/8 Simmental bull, 7 mo. old, dark red, with white head and socks. 215-367-6160.

FOR SALE
Wood Shavings, Bag or Bulk, Delivered.
Ph: 717-394-3137 or 898-6188.

"Performance Tested Bulls" now on hand:
Year Angus Bulls
2 year old ½ blood Chianina, will sire ¼ blood calves
¾ blood Chianina calves
TWIN OAK FARMS
Quarryville, PA 17566
Phone 717-786-2146
or 786-2201

ATTENTION FARMERS
WANTED TO BUY
Hurt — Crippled — Down Cattle — Hogs
Prompt Removal
On The Spot Payment When Possible.
7 Days A Week
Call Lebanon 717-272-6848 or 717-949-3205 anytime
Including all day Saturday and Sunday.
All Animals Killed Under Federal Inspection.

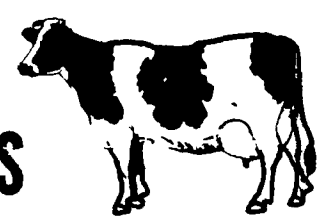
FOR SALE
DUROC BREEDING STOCK
Bred and Open Gilts, Championship Bloodlines.
COMMERCIAL DUROC BOARS AND GILTS
Out of Good Bloodlines.
WYAND DUROCS
Williamsport, Rte. 1, Box 346, Md. 21795
Phone: 304-625-1448

COMPLETE DISPERSAL
of 75 Yorkshire Sows

From Par-Kay Thomas Farms Boars, due to farrow in March and May, 20 are nursing litters now, no sows older than 3 litters, Hers is Brucellosis tested, Lepto, Erysipelas Vaccinated. Also selling 4 Poland China boars. We have sold the farm, all breeding stock sells.

— Contact —
IVAN WEAVER
RD 2, Mifflintown, PA 17059
Juniata County

WANTED DAIRY HERDS



We have orders to fill now through April 1979.
Call us to move your herd.
717-687-7475
STONEHURST FARM DAIRY SALES
Lime Valley Rd.
Strasburg, PA

LIVESTOCK & SUPPLIES

LIVESTOCK & SUPPLIES

— WANTED TO BUY —
HURT - CRIPPLED - DOWN CATTLE
ON SPOT PAYMENT — 7 DAY SERVICE
Carlisle, Pa.
Phone: 717-249-3502 — Anytime
CLIP AND SAVE

WOOD SHAVINGS
★★ Kiln Dried ★★
Don't be caught short this winter! Call now for delivery of bagged & baled wood shavings Liberal quantity discounts given. A quality bedding material at an economical price.
Pure cedar wood shavings available for small animal bedding.
DENVER WOOD PRODUCTS
Phone: 717-354-4174

WANTED
Purebred & Grade
Mature Rams
Will also buy flocks
Call
LAMPIRE ENTERPRISES
Doylestown, PA
215-345-1483
Day or Night

AVAILABLE NOW!
USED RUBBER CONVEYOR BELTING
GOOD FOR:
- COW MATS
  In comfort stalls and free stalls
- HOG HOUSES
- HORSE STALLS
- LIVESTOCK TRAILERS, ETC. ETC.

30", 36", 42", 48" and 54" Wide, Any Length
215-286-5298

CASH OR 3 YEAR REPAYMENT
AT 10% INTEREST
100 HEAD OF GOOD HOLSTEIN DAIRY COWS.
Should be parlor Trained.
Write stating your rolling herd average & price.
Will need on or before July 1979 for a Lancaster Co. Dairy Farm.
P.O. Box 366 M-94
c/o Lancaster Farming
Lititz, PA 17543

LIVESTOCK & SUPPLIES

Herd, recently fresh ing does, several close ers, few doelings, 4 , 717-458-6705.

DUROC BOARS
Duroc & Crossbred Gilts
BOURBON SPRINGS FARM
2, Newville, Pa. 17241
Kenneth Ketterer
Phone: 717-423-6250

YORKSHIRE SERVICE BOARS
EON L. ARNOLD
Rte. 7, Box 705
Lebanon, PA 17042
Ph: 717-273-5880

Shavings in trailer load lots.
$225 per trailer load.
LEOLA SUPPLY COMPANY OF MARYLAND
Box A
Millington, MD 21651
301-928-3061

YORKSHIRE SERVICE BOARS
HOUVALE FARMS
Elwood E. Houser
R.D. 5 Box 70
Lebanon, Pa. 17042
Ph. 717-272-5798
or 717-273-2921

Shavings & Sawdust in bales
Bagged Cedar Shavings & Peanut Shells
HAROLD B. ZOOK
220 Lampeter Rd.
Lancaster, Pa.
717-394-5412

DAIRY EQUIPMENT

or Sale - Surge 6 stall milk- parlor equip. and 2 tanks. 7-546-2313.

or Sale - 45 used stan- ions, 25 used water bowls. H. Brubaker, Inc. 7-397-5179.

Rubber matting for stan- ions & free stalls, horse uns & horse stalls. 01-885-5045.

For Sale - Dairy store equip- ment. 201-981-0672 after 6 P.M.

For Sale - Four Surge milker nits, 55 lb. pails, one 40 lb. carrying pail, Alamo 30 acuum pump, vacuum lines & stall cots, Kesco milk ransfer system, wash bowl. 215-273-3095.

LIVESTOCK & SUPPLIES

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf. Fresh and close springers. Cash, or credit with down payment. Specialize in selecting cows for customers. Free delivery. Call collect. Reuben Greenberg, Inc., Columbus, New Jersey 08022. Phone 609-298-1021."

Hampshire and Yorkshire Service Age Boars and Gilts from certified meat type breeding. Contact John Strawbridge, Stewartstown, Pa. 17363. Phone 301-996-2022.

For Sale - Service age Holstein bulls. Dams classified VG with records to over 24,000M & 1,000F. John Stump, Bernville, Pa. Ph: 215-488-1965.

Wanted - Dairy cows and heifers. Also, entire herds. 301-358-0412 after 9 p.m.

Wanted - Entire dairy herd, also, bred Holstein heifers. Will pay $25 more per head than the going price. Don't sell until you call me. Call collect - Reuben Greenberg, Inc., Columbus, NJ 609-298-1021.

Wanted
Bred Holstein Heifers
due now to June
Box 366 M-42
c/o Lancaster Farming
Lititz, PA 17543

Wanted - Herd of Holstein cows to be moved soon. H. Haymen, Box 145, Codorus, Pa. 17311.

For Sale - Hampshire & Berkshire boars, will deliver. Terry Bennecoff, 215-285-6582.

Registered Hampshire Yorkshire and Landrace boars, Suffolk, Hampshire and Southdown Rams. Preston Bankert. 717-244-1244.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, Carcass championship bloodlines, Willow Glen Farms, R2, Strasburg, PA 717-786-2562.

DAIRY EQUIPMENT

New Year's Hope
Security in a changing world . . .
Malachi 3:6 . . .
For I am the Lord, I change not.
ELIZABETHTOWN CREAMERY CO., INC.
Elizabethtown, Pa.

LIVESTOCK & SUPPLIES

Registered Holstein bulls, year old and younger. Out of dams with records to 24,000 milk and 900 fat. Stump Acres 717-792-3216 York County.

For Sale - Feeder Pigs. We aim to please. 304-586-2823.

Duroc Breeding Stock
LAWRENCE ARNOLD
11 E. Maple St.
Myerstown, Pa. 17067
Ph: 717-866-7061

ARTIFICIAL BREEDING

For Sale - 10 straws of Barrett Ranch Ivan Rockman, 2 straws of Wayne Spring Fond Apollo $250. 717-359-7788.

POULTRY & SUPPLIES

For Sale - Eggomatic SR40 grader with Eggo-paks, featherlight washer, Eggomatic accum. for in line operation included. Boiler, lifts, turn table, vacuum pump all included. Excellent condition, currently in operation, going to larger equipment. Ph: Sydel Egg Farm 302-492-3644.

Wanted - 2 gas chick brooder stoves, hood type in working condition. Sam K. King, R.D. 2, Box 374, Ronks, Pa.

HOG EQUIPMENT & SUPPLIES

New Hog Slats - 24 'x96", 7" top, 24" x 120", 7" top, approx. $2.30 per square foot. 717-733-6193.

For Sale - Farrowing crates, custom built to your specialized need, buy direct from manufacturer. For more information write County Line Welding, R.D. 1, Newburg, Pa. 17240.

For Sale - Stock tanks, medicine fountains, Trojan hog waterers, heated waterers, AgStar rotary hog feeders; 40-60-80 bu. round feeders; replacement feeder bottoms; steel pipe gates; hog & cattle panels; MagicRay flameless gas pig heaters, button type hog ear tags, discount on hog feed medications; Hot-Shot repair service & parts. Zimmerman Animal Health Supply, 717-733-4466.

For Sale - Precast concrete slabs for under hog farrowing crates, gives you available pit area beneath of up to 12 ft. width. Fits all 5x7 crates. Call Penn-Berks Pipe & Products, Inc. 717-933-8814 Ask for Jim Hess.

POULTRY & SUPPLIES

For Sale - 1700 Harts water cups for chickens, used very little. Wilmer Yost 717-656-7395.

No order too Small. Phone: 717-235-2050

CASE FARM HATCHERY
Brodbecks, Pa. 17308

Hatched weekly from our own Breeders. U.S. Pollorum Clean.

Hubbards White Leghorns	Hubbards Golden Comets
• Rhode Is. Reds	• Corn-Rocks (cornish cross)
• Barred Rocks	• Jersey Blk. Giants
• White Rocks	• Araucans
• Blk. Sex-link	

★ STARTED CHICKS ★ PULLETS
— Also —
Ducks - Geese - Guineas - Turkeys

HUBBARD LEGHORNS
Balanced For Profit Performance
FOR DETAILS CALL
CLAY S. MUMMA, Jr.
TELEPHONE 717/569-2654 Eves. 717/653-2397
HUBBARD FARMS
LANCASTER, PENNSYLVANIA 17604

BROCK®
GRAIN BINS & FEED BINS
Brock bins are safe storage for valuable feed and grain.
BAZOOKA.
GRAIN MOVING SYSTEMS
Bazooka augers and U-trough conveyors keep your systems going longer . . . smoother . . . safer.
Tell us what you need, and we'll design and install a complete new system for you, or modernize your present set-up.
HERSHEY EQUIPMENT COMPANY, INC.
SYCAMORE IND. PARK
255 PLANE TREE DRIVE
LANCASTER, PA. 17603
(717) 393-5807
Route 30 West at the Centerville Exit

POULTRY & SUPPLIES

For Lease, 249,000 capacity Hatchery see description under Real Estate Classified George M. Anthony & Sons.

"The Sign of Quality"
Babcock Farms
SALES REPRESENTATIVES:
Larry Rice
717-665-2591
Russell Mease
717-665-7014
BABCOCK HEALTHY Chicks

FEED & SEED

Interested in early planting quality soybeans for human consumption, Variety cutler preferred. Contact Moses Chu, POB 202, Paradise, PA 17562. Ph: 717-687-8751.

Top quality oats and all types of hay and straw, also mulch hay. Call 201-735-8389 after 8 p.m. or before 7 a.m.

For Sale - Good quality alfalfa hay at the barn $85 ton, or 3 ton loads delivered within 50 miles for an additional $9 per ton. Located near Lancaster. 717-626-2866.

Big round bales of barley straw or soybean vines loaded on your truck or trailer $50 per ton. 301-272-2620.

For Sale - Hay & Straw, will deliver (8 ton average load) C.O.D. only. Perry Co. 717-789-4302.

For Sale - Good mixed hay, $85 at the barn. 717-653-8703.

Second cutting mixture of Timothy, Clover & Orchard Grass. Soft & leafy in large tight bales. Tops for horses. Also early cut Timothy & Orchard Grass. 50 tons available at the barn in Cumberland Co. Make offer. 717-776-7858.

For Sale - Hay, alfalfa & alfalfa orchard grass mixed, 1st & 2nd cutting, any amount. Bernville 215-488-1965.

FEED & SEED

For Sale - Wheat straw, will deliver. Stump Acres, York Co. 717-792-3216.

For Sale - Large quantity baled hay, good quality mixed hay $1.00 per bale or $55.00 per ton. Cash at the barn. Phone 717-224-4462 Wayne Co., Pa.

For Sale - 500 Bales Stubble hay, good for steers. Ph: 717-529-6278 S. Chester County.

Mulch, clover, timothy, some alfalfa, $30 - $55 per ton. Laurel Farms, 814-328-2465.

WANTED
EAR CORN
SHELLED CORN
SPRING VALLEY FARMS
717-626-6014

BUYING EAR & SHELLED CORN
Receiving Daily
Rt. 372 - 2 Mi.
West of Buck, PA
PH: 717-284-4628
MARK RISSER
Holtwood RD 1
PA 17532

WANTED
Dark or Off Grade Straw
215-268-8061

HAY & STRAW
Serving Dairymen & Horsemen in PA, NJ, & Delmarva.
HEIDEL HOLLOW FARM, INC.
215-767-1408 eves.

BUYING NEW CROP EAR CORN & SHELLED CORN
Shelling, Hauling, Drying
717-426-1197
Raymond D. Martin Est. Grain

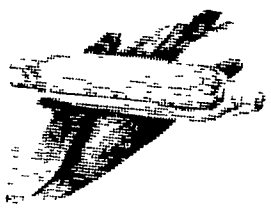
WANTED NEW SHELLED CORN WET OR DRY
Call for prices. F.O.B. your farm or delivered to Milton.
Custom combining - all row sizes.
Custom hauling, drying & storing.
SHOOP GRAIN CENTER
RD 1 Milton, PA 17847 — 717-524-0325

"EARN $50,000 PER YEAR"
Business Opportunity selling exciting new milking equipment as dealer or Sales rep. Works good as additional line for established firm. Now granting exclusive areas in VA., MD., N.J., and portions of PA. and N.Y. Requires full time person with minimal investment. Serious inquiries only.
SIMPLIFIED MILKING SYSTEMS LTD.
Nottingham, Pa. 19362
(301) 398-2948

FEED & SEED

FEED & SEED

NOTICE
NOW CONTRACTING
CORN
Prices quoted are F.O.B. your farm.
FOR SALE: *Soybean Meal* - Bulk Only
GARDEN SPOT GRAIN
ELMER W. MARTIN, PROP.
717-354-9422
RD#1 New Holland, PA
Dealer in Small Grains



WE'RE BUYING EAR CORN
- On the Ear or As Shelled Weight

WE ALSO BUY SHELLED CORN!
VAN-MAR FEEDS, INC.
Shoemakersville, Pa.
Phone 215-926-2121

BUYING NEW EAR CORN OR SHELLED CORN
CUSTOM DRYING AND STORAGE
R. K. VOGT GRAIN & GENERAL HAULING
RD #1, Marietta, PA
717-653-2510

PEANUT HULLS
Delivered To Farm
Excellent Economical Bedding
PHONE:
BILLIE B. BEAM & SONS
Mount Crawford, VA
703-434-1296 or 234-9330

ARE YOU CONFUSED ...
Where is the best market for your corn?

★

CARGILL INC.
...ted 2 miles N. of Marietta on Rt. 441
...717-426-1961 COLLECT - TODAY
Ask for Ann or Randy for current prices.

FEED & SEED

FEED & SEED

WANTED
Shelled corn and soybeans
Dealer in small grains,
contract or spot purchase.
EARL R. MARTIN INC.
P.O. Box 3
East Earl, PA
717-354-4061

QUALITY HAY
1st, 2nd & 3rd cutting
Also straw
DAN F. PETERSHEIM
Box 245
Gordonville, PA
Along New Holland Rd.

HAY & STRAW
All Grades Available.
Delivered Anywhere in 10 ton loads.
Reliable Dealer —
Try US
F.C. MESSLING
15 Glenn Ave.
Phillipsburg, NJ
201-454-8259 eves.
215-588-1697

FOR SALE
HAY & STRAW
for cattle and horses
Can supply year round.
Delivered anywhere.
PARADISE VALLEY FARMS
Rt. 1, Box 37
New Tripoli, PA
215-298-2474

BUYING EAR CORN AND SHELLED CORN
Picked up at your farm or delivered to Manheim
JAMES E. NOLL
RD 2, Manheim, PA
717-665-4785

BIRD-IN-HAND GRAIN CO.
435 Beechdale Rd.
Bird-in-Hand, PA
PH: 717-656-8593

Buying and Selling Shelled Corn
Buy in the field or at the elevator.

CUSTOM SHELLING, HAULING, DRYING AND STORAGE.

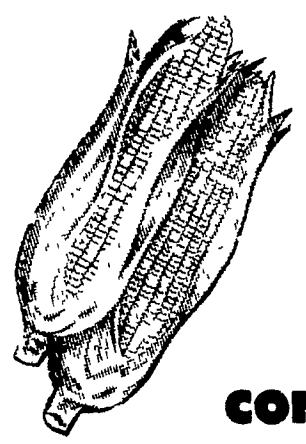
We'll take care of all your grain needs.
Prompt Unloading!

FEED & SEED

FEED & SEED

M & R GRAIN, Inc.
Mt. Joy, PA
Dealer in shelled corn.
Custom drying and storage of shelled corn.
Now contracting new crop corn.
717-653-8846

For Sale - Alfalfa - Timothy hay. Ph: 717-898-2568.



WANTED
SMALL GRAINS
WHEAT-BARLEY-OATS
Call Now For Our Best Prices
CONESTOGA VALLEY GRAIN
PHONE: 717-354-9258

BUYING CORN & SOYBEANS
CONTRACT OR SPOT PURCHASE ON NEW CROPS
430,000 bu. capacity.
Fast unloading, digital printout scales.
HOSTETTER GRAIN
RD 1, OXFORD, PA
215-932-4484
215-932-9599
Located along Rt 10 between Russellville & Oxford.

Buyer of shelled or ear corn. John J. Hoober, Inc., Gordonville, Pa. Ph. 717-768-8481 or 768-3216.

For Sale - High quality hay & straw, delivered. Martin Bros., Olivet, Michigan. 517-543-1642.

FERTILIZER

FERTILIZER

FOR SALE
Poultry Manure
$10 ton delivered
215-286-9213

SAVE FERTILIZER DOLLARS
USE POULTRY MANURE
$10 Per Ton
or MUSHROOM SOIL
$75 Per Dump Trailer Load
Phone - 717-859-3348
Mahlon H. Martin & Sons

FERTILIZER

oultry manure delivered at 00 a ton and up if over 50 iles. Ph: 717-632-4331.

BROILER & TURKEY MANURE FOR SALE

Delivered within 100 mile radius of Harrisburg, in 15 ton loads.

717-582-2352

SERVICES OFFERED

C Ehrlich Co., Inc. Termite, Pest, Rodent and moke control. Lawn and rubbery spraying. Free timates. 1278 Loop Road, ancaster, Pa. Phone 7-397-3722.

ORSESHOEING & eneral Blacksmith Work. I arge fairly and stand by y work. Road horses, work orses, riding horses. Penns, rush, Sugar, Nittany alley Area. Write or call: ill Stone, Penns Creek oad, Coburn, Pa. 16832. 4-349-8232.

attle hoof trimming. Dave arboczi 717-394-7923.

ewart-Sunbeam clipper pairs and blade sharpen-g

Don Lohr
R3, Columbia, PA
717-684-8431

unt big game - Book now th Wyoming's best outfit d guide. For more in-rmation 717-354-9595.

VERSIFIED ROOFING - We apply asphalt ingles, roll roofing, one ce metal roof galvanized color, wood shingles, roof pairs & coating. Galen ooker 717-768-3204, Paul eider 717-529-2204, Nate ooker 215-593-5627. Free timates.

SERVICES OFFERED

Sober bachelor 52 exchange services, room board & stipend, country. Write P.O. Box 366 L-80, c/o Lancaster Farming, Lititz, Pa. 17543.

INSULATION - LOAFING SHEDS - DAIRY BARN SPRAYED ON URETHANE FOAM. Ideal for eliminating condensation. Perfect for irregular surfaces. For free estimate call Conestoga Chemicals & Plastics, Inc. 397-3724. After 5 P.M., call 872-2232.

CUSTOM LIVESTOCK HAULING
John W. Jones
RD 4, Carlisle, PA
717-249-7685

GLENN B. MILLER CONSTRUCTION CO.
CONCRETE
House Foundations
Retaining Walls
& Trench Silos
"CRANE SERVICE"
PROMPT SERVICE
COMPLETE
BUILDING SERVICE
215-562-4895
137 SCHUYLKILL AVE.
HAMBURG

Silo Repairs
* Tear Down
* Rebuild
* Replaster
* Roofs Installed
* New & Used Extensions
* Distributors & Pipes
* Jamesway Unloaders
* Barn Equipment

Dave Detweiler
RD 2, Newville, PA
717-776-7533

CUSTOM WORK

Custom Hoof Trimming with tilt table. Sam Wylie, Octorara Farm, Nottingham, Pa. 215-932-8923.

Custom hauling all types of farm products 717-687-6181 anytime.

Salvage your crop residue by stacking in easy to handle stacks. 717-733-7466.

AUTOMOBILES

SITUATIONS WANTED

BS in Horticulture, 5 yrs. experience in fruit/vegetable production & greenhouse management, seeks similar or related position. Write P. O. Box 366 R-1, c/o Lancaster Farming, Lititz, Pa. 17543.

AUTOMOBILES

SITUATIONS WANTED

Two young experienced dairy farmers seeking to operate established dairy operation (cows and equipment) with option to purchase. Write Box 366 R-2 c/o Lancaster Farming, Lititz, PA 17543.

AUTOMOBILES

have a nice weekend...

AUTOMOBILES

For Sale - 1973 Pontiac LeMans sport coupe, good condition, P.B., P.S., snow tires, $1500, 717-859-3578 after 6 P.M.

DETROIT CONNECTION

$4444 (OR LESS)

WILL BUY MANY OF THESE BRAND NEW 1979 DODGE CARS & TRUCKS

BUY NOW !!!

Stock No 7021
BRAND NEW 1979 DODGE $3990
COLT 2 DOOR COUPE Blue metallic with white vinyl buckets, AM radio, white sidewall radial tires

Stock No 1197
BRAND NEW 1978 DODGE $4174
ASPEN 2 DOOR COUPE Bright canyon red Economical 225" slant 6 engine with 4 speed overdrive transmission AM radio, power steering D78x14 tires

Stock No 7001
BRAND NEW 1979 DODGE $4254
COLT 2 DOOR HATCHBACK Light tan with cashmere vinyl bucket seats 1400cc engine with 4 speed manual transmission, electric rear window defroster, AM radio, white sidewall radial tires FRONT WHEEL DRIVE

Stock No 1044
BRAND NEW 1979 DODGE $4344
ASPEN 2 DOOR COUPE Chianti red 225" slant six with 3 speed floor, mounted manual transmission AM radio power steering D78x14 white sidewall tires

Stock No 7504
BRAND NEW 1979 DODGE $4364
OMNI 4 DOOR HATCHBACK Turquoise metallic with custom interior and exterior packages 1 7 litre engine with 4 speed manual tranmission AM radio, rear window defroster, white sidewall radial tires FRONT WHEEL DRIVE

Stock No 7010
BRAND NEW 1979 DODGE $4384
COLT 4 DOOR SEDAN Warm white with blue vinyl bucket seats 1600cc engine, 4 speed manual transmission, AM radio, electric rear window defroster, white sidewall radial tires

Stock No 1006
BRAND NEW 1979 DODGE $4444
ASPEN 4 DOOR SEDAN Pewter gray metallic, cloth & vinyl bench seat 6 cylinder, automatic, AM radio, power steering D78x14 tires

Stock No 7079
BRAND NEW 1978 DODGE $4444
COLT 2 SEAT WAGON Canyon red, vinyl buckets, 4 speed manual transmission, 1600cc engine AM radio, white sidewall radials, electric rear window defroster

Stock No 7009
BRAND NEW 1979 DODGE $4444
COLT 2 DOOR HATCHBACK Light tan 4 speed transmission with 1400cc engine, electric rear window defroster Cashmere vinyl bucket seats, side molding, AM FM; rear wiper and washer, white sidewall radial tires

Stock No 5008

$6310

is all the money you need to buy a brand new 1979 DODGE ST. REGIS 4 DOOR SEDAN. 60-40 split bench seats with recliner, $318 V-8 engine, power steering, power brakes, radio, vinyl roof, conventional spare tires and radial tires are all standard equipment. Stop in and buy this car today

Stock No 7551
BRAND NEW 1979 DODGE $4444
OMNI 2 DOOR HATCHBACK Yellow with cloth and vinyl bucket seats 1 7 litre engine, 4 speed manual transmission, body side tape striping, AM radio, electric rear window defroster, white sidewall radial tires FRONT WHEEL DRIVE

Stock No 5043
BRAND NEW 1978 DODGE $4444
MONACO 2 DOOR HARDTOP Eggshell white, cloth & vinyl bench seat 6 cylinder, automatic, deluxe wheel covers, power steering AM radio, undercoating and inside hood release F78x15 white sidewall tires

BRAND NEW DODGE TRUCKS - GET YOURS NOW

Stock No 0013
BRAND NEW 1979 DODGE $4444
D 100 PICKUP 115" wheelbase, 225 slant six engine, 3 speed manual transmission, power steering & brakes, quadrectangular headlights radial tires Bright yellow orange with saddle tan interior

Stock No 0004
BRAND NEW 1979 DODGE $4444
D-100 PICKUP 115" wheelbase, economical 6 cylinder, 3 speed manual transmission, power steering & brakes Light green metallic with green interior trim quadrectangular headlight, radial tires

Stock No 0240
BRAND NEW 1979 DODGE $4767
Wedgewood gray makes this outstanding Sweptline pickup with 8' box, something you should buy 318 V-8, power steering & brakes, dual headlights, exterior molding package and, for you a lovely blue seat

Stock No. 0120
BRAND NEW 1979 DODGE $5743
4 speed overdrive in this B-200 127" wheelbase Tradesman van Power steering 318 V-8. Ready for any use you want to put it to

Stock No. 0185
BRAND NEW 1979 DODGE $6150
W 150 FOUR WHEEL DRIVE pickup 318 engine power steering, 7.00x15 eight ply mud & snow tires Avocado metallic with saddle trim interior

Stock No 0071
BRAND NEW 1979 DODGE $6089
W 150 FOUR WHEEL DRIVE pickup 115" wheelbase, 318 engine, power steering 7 00x15 eight ply mud and snow tires. Medium canyon sunfire metallic with red trim set

Stock No 0362
BRAND NEW 1978 DODGE $6103
Only a few left B-300, 127" wheelbase Maxi-Van, 360 V-8, automatic transmission, power steering sliding side cargo door, heavy duty front & rear shocks, power steering 8 75 x 16 5 ten ply tires 8200 lb GVW to get the work done Tantalizing red with black vinyl interior

Stock No 0031
BRAND NEW 1979 DODGE $6188
W-150 FOUR WHEEL DRIVE POWER WAGON 115" wheelbase, 318 V-8, power steering, 8 ply mud & snow tires Light green metallic with green vinyl interior A real buy

Stock No 0022
BRAND NEW 1979 DODGE $6348
W 150 FOUR WHEEL DRIVE POWER WAGON Automatic, power steering, power brakes, 7 00 x 15 eight ply mud & snow tires Bright red with red vinyl interior

Stock No 0032
BRAND NEW 1979 DODGE $6432
Plenty of room in this W-150 FOUR WHEEL DRIVE CLUB CAB 318 V-8 power steering 7 00 x 15 eight ply mud & snow tires White with rich green vinyl interior

Stock No 0063
BRAND NEW 1979 DODGE $6884
Picture yourself in this black W 150 FOUR WHEEL DRIVE CLUB CAB PICKUP 360 V-8, automatic, power steering, power brakes 7 00 x 15 eight ply mud & snow tires What other color inside but red?

Stock No 3509
BRAND NEW 1979 DODGE $7382
Why fool with a Bronco or Blazer when you buy this RAMCHARGER in light green metallic with green custom interior 5 passenger, 318 V-8, 4 speed manual transmission, dual headlights, steel top 7 00 x 15 eight ply mud and snow tires

CHOOSE FROM OVER 200 NEW DODGE VEHICLES. BUY NOW AND SAVE.

LEASE A '79 DODGE NOW
COLT — $113 mo. DIPLOMAT — $138 mo.
OMNI — $120 mo. MAGNUM — $153
ASPEN — $122 mo. ST. REGIS — $160

Security Deposit and Credit Approval Required

CHRYSLER LEASING SYSTEM

JACK LOWRY
JERSEY SHORE, PA.
Phone 398-1590

detroit connection

Amos Bawell & Sons
CUSTOM BUTCHERING
DEER BUTCHERING
WE MAKE:
Bologna, Ring Bologna, Pork Roll, & Hot Dogs. Also Ham Curing.
USDA Inspected Corn Fed Beef, sides and quarters, cut, wrapped and quick frozen to your specifications.
Leola, RD1 717-656-6985

ATTENTION FARMERS
Down & Crippled Cattle
Removal Service 7 Days A Week.
Salvage Return When Possible.
Call
Ernest Fritts
Danville, PA
PH: 717-275-5296
Federal Registration
No. 05420429

HELP WANTED

Christian person to work on dairy and grain farm in Centre Co. can live in. 814-625-2161.

Wanted - Experienced dairyman for Bradford Co. dairy farm, house & utilities furnished, top wages. Ph. 717-549-5618.

Couple to live in, duties include maintenance & repair work on farm, some gardening & cooking for one person. Your own apartment in beautiful rural setting. Ideal opportunity for those interested in animals, gardening & country life. Full range of benefits, references required. Ph. 717-845-5625 extension 371 weekdays 8 A.M. to 5 P.M.

Help wanted to work full or part time on dairy farm, 12 x 6 ft. Mobile Home provided. 215-793-1345.

Married man for dairy & general farm work, house & privileges available. Wages based on experience & ability. Must provide two references. Located south of Lancaster. Write P.O. Box 366 J-65, c/o Lancaster Farming, Lititz, Pa. 17543.

Man for general farm work & dairy, experience needed, house & privileges plus good pay. 717-786-2839.

Wanted - Person for large dairy machine operation and some barn work. Charles Myers, 614-674-5466 or 674-4229.

Wanted - Person to milk in fully automated Surge fiberglass parlor. Prefer female. Charles Myers 614-674-4366 or 674-4229.

Wanted - Experienced working farm manager, cattle operation, house furnished, good pay, reply to Box 366 M-99, Lancaster Farming, Lititz, PA 17543.

HELP WANTED

The possible dream - $40,000 per year, your own business. Mondays only 717-859-3348.

EXCELLENT INCOME OPPORTUNITY. Full/part-time. Own your business. Set your own schedule. (215) 269-7717.

Wanted - Salesperson for Lancaster Co. animal healthfarm hardware, established roots. Farm or sales experience necessary. Sanivet, Inc., Box 382, Catskill, NY 12414. Ph. 518-943-9505.

Wanted - Assistant herdsman for modern farrow to finish hog operation. Some experience in working with hogs desirable, wages based on experience & ability, regular working hrs. & insurance coverage, housing available. 717-296-1298

WANTED - DAIRY FARMER
with experience to take over complete dairy farm, 40 cow operation, all benefits.
717-652-6177
between 7-9 p.m.

WANTED
Farmer to feed & milk 40 cows, all benefits.
717-255-2811
8:30 - 4:30

OFFICE AND STORE CLERK
Part or Full Time
W. L. ZIMMERMAN & SONS
Intercourse, Pa.
Phone: 717-768-8291

HERDSMAN WANTED

Ambitious dairyman wanted to assist manager on large dairy with modern facilities and high producing herd, responsibilities will include relief milking, feeding, assisting with herd health, A.I. & maintenance. Top salary scale. We provide total cost of a family health plan and a very attractive pension plan, regular time off with paid vacation and holidays, excellent neighborhood with good schools and services. Position open Feb. 1979. Person with full experience or will train someone with basic experience and ability to learn. All replies will be held in strict confidence. Send brief resume to

P.O. Box 366 M-97
Lancaster Farming
Lititz, PA 17543

Office and outside sales work & some traveling, good opportunity in a growing manufacturing and distributing business. Ray Tec Manufacturing, RD 3, Ephrata, PA 717-354-7139.

SALESPERSON WANTED
For Lancaster Co. animal health-farm hardware, established roots. Farm or sales experience necessary.
SANIVET, INC.
Box 382
Catskill, NY 12414
Ph. 518-943-9505

BUSINESS OPPORTUNITIES

AMS/OIL the quiet leader in Syn Lub. needs dealers, Part-time & full-time, no investment. 717-872-7324.

Energy hydraulic truck and wagon hoist Dealers Wanted. For Details. J.R. Opp Co. 717-546-3397.

PETS

For Sale - Beautiful Border Collie puppies from champion imported Scotish working parents. Known for being best stock handling dogs, excellent for obedience training, ready to go now. Walt Jagger, Sheep Hollow Farm, Hop Bottom, Pa., Susquehanna Co. Ph. 717-289-4663.

WANTED TO BUY

Puppies, 7 to 9 weeks old, in litter lots. Pure breeds and half breeds. Cash money paid. Will pickup every Wednesday. For resale in my pet shop. Write to Charles Hackett, 3743 N. 5th Street, Philadelphia, PA. 19140 or call before 7 p.m. Mon., Tues., & Thurs. only 215-229-0449. Give breed-age-color when writing. Also some kind of direction. Thank you.

PETS

For Sale - Irish Setter puppies, AKC. Wormed, shots. Several dogs from this family have obedience degrees. Excellent dispositions. Berks Co. 215-562-3966.

PETS

Queensland Blue Heeler pups (Australian Cattle Dogs) from working stock. Shots, wormed and registered. 4 months old. 609-769-0542, Jay Shute, RD#1 Box 552, Woodstown, N.J. 08098.

CASH FOR PUPS
I need Purebred and cute mixed litter lots, 6 to 8 weeks old. Clean and healthy. Contact "Jo Jo The Dogman" at Root's Farmers Market, RD1, Manheim, PA. Every Tuesday 6 p.m. to 9 p.m. No Phone Calls.

For Sale - Registered Australian Blue Heeler puppies from working parents. 215-942-3187 after 6 P.M.

TRUCKS

Having no further use for the following, will sell: 1969 2000 Int. tractor, full screw, 250 Cummings, all new 1000-22 tires, truck good condition $8000. 33 ft. grain trailer, ¾" plywood sides with pipe and tarp, excellent condition $3800. 35 ft. grain trailer with ¾" plywood sides with pipe and tarp, excellent $4000, 36 ft. grain trailer with ¾" plywood sides with pipe and tarp, excellent condition $4200. 301-393-1541.

TRUCKS

Wanted - Good used tilt cab truck with grain body, GVW 26,000 lb. or more. 215-346-7065.

For Sale: 1958 Chevy Truck T-tags, 9½ foot bed with cattle racks. Irvin B. Horst, R. 1 Newmanstown, Pa. 717-949-3253.

For Sale - 1968 Ford F750, 4x4, with Stoltzfus lime spreader & 30 ft. booms. All hydraulic driven with boom lifters. Truck & body both like new, $8500, 301-829-0271.

JUST ARRIVED
1977 Silverado Chevy pickup, 4 wheel drive, 19,000 miles.
1977 W150 4 wheel drive club cab Dodge.
1975 25 series GMC 4 wheel drive pickup, real nice.
We Have 4-Wheel Drive Pickups In Stock.
(Uncle) (Fat) (Slim)
See Milt, Pete, or Ross
PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE. 717-367-1808

J.R. Opp Co. Custom Truck bodies. R1, Muncy, PA Ph: 717-546-3397.

For Sale - 28 ft. Freuhauf aluminum tub dump trailer, 40 ft. aluminum storage trailer. Keens 717-626-5420.

REAL ESTATE

LYKENS VALLEY MILLERSBURG, PA
34 acres very level tillable farmland with house, barn & outbuildings. Reduced.
Phone
717-692-4370
After 4:30 P.M.

REAL ESTATE

"SHOW PLACE FARM" FOR SALE
80 acre farm for sale in beautiful Brush Valley, Pa. LARGE house with historical value. LARGE barn, additional dwelling and many other excellent out buildings.
Call 717-248-0139
Or write to:
Mona Lee Selwitz
RD1, Box 5A
Centre Hall, Pa.
16828

THIS WEEK'S SPECIAL

222A Level productive land with restored stone home and large cattle barn, stocked pond, Eastern PA, priced reasonable.

23A Level farmette, excellent buildings, suitable for hog or poultry house.

Thank you for your patronage throughout the year.
Have a Happy, Prosperous New Year.

BLUE BALL REALTY
Blue Ball, Pa.
Phone: 717-354-4536

TRUCKS

For Sale - 13' lime spreader body, mechanical drive. 717-786-7229.

1964 F600 Ford with V8 engine, 14 ft. bed with 10 ton hoist, grain sides, tail gate and high sides, good condition $2000. 17 ft. Eby cattle bed for 120 in. CA, oak sides, AL roof, roll door & ramp, IH dark green, excellent condition with new paint $1750. 301-272-2620.

TRUCKS

For Sale - 1968 Int. 2 single axle truck tracto 35' tandem axle flat tra with 4' grain sides & t real clean. Paul Kurtz 944-7453.

For Sale - 1961 Int. 14' st body w/dump, good co tion. 4 10" wheels with tires for Dodge 4 Headers for a Chrysler V-8. C. Lee Bix 717-426-1539.

U Want 'Em... V Have 'Em... At Mike Rhodes Truck Farm!

We've Got Lots To Choose From...
(Toll Free Number - 800-362-7655)
Also Good in Area Codes 717 & 215

4 WHEEL DRIVE

'79 Bronco, V8, 4 Speed, PS, PB, AC, AM-FM Tape - $9995.
'79 Cheyenne Blazer, Loaded - $10,400.
'79 Bronco XLT, Loaded - $10,500.
'78 Bronco, V8, Auto, PS, PB, Air Cond, AM-FM - $8695.
'78 Jeep CJ5 Renegade, 6 Cyl, 3 Speed, PS, Radio - $6895.
'78 Jeep ½ Ton Pickup, 6 Cyl, 3 Speed, PS, PB - $6795.
'78 Ford Ranger ½ Ton Pickup, with Cab, 6 Cyl, 4 Speed, PS, PB, AM-FM - $7595.
'77 Ford ¾ Ton Pickup, V8, 4 Speed, PS, PB, AM-FM - $7495.
'77 Ford Step Side Shortbed, V8, Auto, PS, PB, AM-FM, Air Cond $7495.
'77 Toyota Land Cruiser, 6 Cyl, 4 Speed - $6595.
'77 Chevy Scottsdale Pickup, V8, Auto, PS, PB, Air Cond., AM-FM - $7495.
'77 Cheyenne Blazer, Loaded - $8995.
'76 Chevy Pickup, V8, Auto, PS, PB, Power Angle Snow Plow - $7295.
'76 Ram Charger, V8, Auto, PS, PB, Air Cond - $6495.
'76 Toyota Landcruiser, 6 Cyl, 4 Speed, AM-FM Radio - $5995.
'76 Dodge ½ Ton Shortbed, V8, Auto, PS, PB, AM Radio - $6295.
'76 Ford 150 Pickup, V8, Auto, PS, PB, Air Cond, AM-FM Ranger Model - $6795.
'76 Jeep ½ Ton Pickup, With Cap, V8, Auto, PS, PB, Air Cond., Radio - $6495.
'76 Chevy ½ Ton Pickup, Scottsdale, V8, Auto, PS, PB, Air Cond., Radio - $6795.
'75 Scout, V8, Auto., PS, PB, Air Cond., Radio - $5495.
'75 Chevy ½ Ton Pickup, V8, 4 Speed, PS, PB - $5495.
'75 Jeep Wagoneer, V8, Auto, PS, PB, Air Cond, Radio - $5995.
'74 Ford ½ Ton Pickup, V8, 4 Speed, PS, Radio, 36,000 Miles - $5295.
'74 GMC Suburban, V8, Auto, PS, PB, AC, AM Radio - $6495.
'74 Chevy ½ Ton Pickup, with Cab, V8, Auto, PS, PB, AM-FM $5195.
'73 Cheyenne Blazer, V8, A, PS, PB, Air Cond, AM-FM - $5495.
'72 Blazer, V8, Auto, PS, PB, Radio - $4695
'72 Chevy ½ Ton Pickup, V8, Auto, PS, PB $4295.

TRUCKS

'78 El Camino, V8, Auto, PS, PB, Air Cond, Power Windows, Radio - $5495.
'77 Ford Explorer ½ Ton, Pickup, 6 Cyl, 3 Speed, PS - $4495
'77 Ford F-150, V8, Auto, PS, PB, Radio, Dual Gas Tanks - $4895
'77 Ford Ranger 150, Loaded - $5795.
'76 Dodge ½ Ton, 6 Cyl, Auto, PS - $3695.
'76 Ford 1 Ton 8 Ft. Stake Body, V8, 4 Speed, PS, PB, Dual Wheels, GVW 10,000 Lbs, 51,000 Miles - $4595
'75 GMC Crew Cab, Morysville Body, V8, 4 Speed, PS, PB, Radio $5495.
'74 Ford ¾ Ton Pickup, V8, St Shift, PS, PB, $3295.
'74 Chevy ¾ Ton Pickup, V8, Auto, PS, PB, AC, AM-FM Radio - $3895
'74 Ford ½ Ton Pickup, V8, Auto, PS, Radio, Ranger Model $3595.
'73 Ford Pickup, 302 V8, 3 Speed, AM Radio, 43,000 Miles - $2895
'73 Toyota Long Bed Pickup, 4 Cyl, Auto, Radio - $2595.
'73 Chevy Short Bed Pickup, 6 Cyl, St Shift, 36,000 Miles $3095.
'72 Ford ½ Ton Pickup, V8, St Shift, AM FM Stereo, 47,000 Miles, Like New - $3195
'67 El Camino, V8, Auto, PS, Like New - $2495

1975 FORD E-100 VAN
• 6 Cyl, 3 Speed, PB, 47,000 Miles, Extra Clean $2995

MANY MORE TRUCKS &
4 WHEEL DRIVES TO CHOOSE FROM!

MIKE RHODES & CO.
Rt. 663 & Swamp Pike, Gilbertsville, Pa.
(215) 327-1380
or toll free 800-362-7655

TRUCKS

or Sale - 1959 Tandem axle MC 15 speed, new motor, flat body, good tires 600. 301-829-0271.

or Sale - '79 Chevrolet Scotsdale ¾ ton, 4 wheel drive ickup, 350 automatic, PS, B. Ph: 717-859-3291.

or Sale - '77 Dodge Power agon, 4 wheel drive ickup, 318 auto., PS, PB, 000 miles. $5650. Ph: 7-859-3291.

or Sale - 1977 Chevy C-65 ttle truck, 20 ft. aluminum d, excellent condition, 7-789-3433.

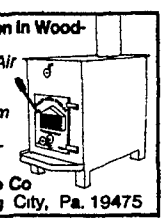
75 IH 1810 cab over with 26' oves roll back, 60,000 mi. 78 Chevrolet C30 1 ton dual heel pickup, $7250. Ed oodrich Jr., Rt. 38 & 38B, ewark Valley, NY, 7-642-8688 & 729-2866.

964 Ford 1000 vacuum sepc pumping truck; 3600 gal. pacity, excellent condiion, all new tires, 5-759-6523.

HOUSEHOLD GOODS

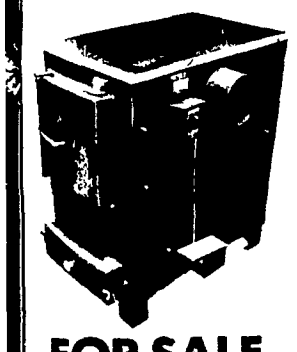
or Sale - 36" Coppertone Carloric Ultra-Ray gas ove, very good condition. 7-445-4990.

The 2nd Generation In Wood-burning Stoves!
Hot Water or Hot Air
Automatic Draft Control.
Heats 3-5 Bedroom House
Send $1 00 for our brochure
Valley Forge Stove Co
Bridge St., Spring City, Pa. 19475



FISHER
WOOD BURNING STOVES

BOWMAN'S
STOVE SHOP
RD3, Napierville Rd.
Ephrata, Pa.
(717) 733-4973
Follow Signs From
Hinkletown
Traffic Light



FOR SALE
Riteway
HEATERS
Model 37 Coal & Wood Combination
Model 2000 wood only
Both heaters are thermostatic controlled.
Also furnaces and boilers available.
STOLTZFUS
HARNESS SHOP
Honey Brook RD1
Box 13, Pa. 19344
1st farm out of town
along Broad St.

HOUSEHOLD GOODS

"Alaska Kodiak" wood stoves, discount, no tax to Dela. and Pa. Call for free literature, B & B Stoves, 301-398-3060.

MISCELLANEOUS

For Sale - Wood burning cook stoves. Choose many colors. Also, FISHER HEATING STOVES. Earl Cole, RD 2 Oxford, Pa. 19363. 717-529-2740.

For Sale - Used Norge, Servel and Whirlpool gas refrigerators - reconditioned cooling units available for most gas refrigerators. Also reconditioned Maytag engine washers.
MYER'S GAS REFRIGERATION
RD 1, Leola, Pa.
Ph: 717-656-7169

For Sale - Cypress boards, all sizes & lengths. Good for paneling, fencing & siding. Ph: 215-268-3263.

AGRICULTURAL LOANS FOR FARMERS Bank/ F.M.H.A. guaranteed loans $10,000 to $1,000,000. For information call First Government Financing Co., Inc. Local representative 717-872-6166.

Pheasant Hunting, Sept. 1. to April 30. Pheasants for stocking. Oven ready pheasants. Phone 215-856-7670.

For Sale - Firewood, seasoned oak and other hardwood. $65 cord. 717-569-7565 or 717-653-8243.

For Sale - Browning V belts & pulleys. David S. King, Box 275B, Rt. 2, Myerstown, Pa. 17067.

Sale: Meat band saws, grinders, scales, tenderizers, splitting saws, slicers and walk-in coolers-Gerry Grundy, Doylesburg, Pa. on Rt. 75 200 Yds N. of 274 - open Sat. & Sun. 10 A.M. - 4 P.M. 717-349-7654, 215-549-7584.

Combine Management, Farm management and Farm Accounting, help with loans or any other problems pertaining to agriculture in any state. Call 301-876-2799 or 717-872-6166.

Sawdust Shavings, bag or bulk. Will deliver 717-529-2855.

RUBBER STAMPS
Made To Order
Ink Pads Available
Write or call after 6 P.M.
Gary Hess
451 N. George St.
Millersville, PA
717-872-6245

William E. Boyer
Logging Contractor
Buyer of Standing Timber
R2 Stewartstown, PA 17363
Ph: 717-235-4582

MISCELLANEOUS

Use Sawdust for Winter bedding. Contact: Klepchick Bros. Sawmill, R4 Box 4269, Pottsville, PA 17901. Ph: 717-385-4597.

Custom cabinet work, kitchens, vanities & clocks, low prices! Free estimates given. The Woodcraft Shop, R.D. 2, Box 176, Gordonville, Pa. 717-768-3912, let ring.

For Sale - 6 lid Reading Cook stove, rebuilt. Automatic washer; single bed, complete; large antique fruit press; 3 h.p. Mini bike. Ph: 717-442-4279.

For Sale - Barn on Carlisle Pike near Rt. 81, Carlisle, Pa., $4500, must be dismantled. 717-564-6792.

For Sale - Closed - in carriage, good shape, Sadie King, 205 W. Main St., Leola, PA.

For Sale - Used 200 amp DC belt driven welder, used portable AC welder battery charger combination, new glass door china hutch, used Oster power pipe threader w/dies, new drill press 5/8 chuck, $174, used belt sander, used air tanks, used 2 door Whirlpool gas refrigerator. Elmer S. Lapp, R.D. 1, Scenic Rd., Gordonville, Pa. 17529.

Dairy Farm For Rent - Cows & milking equipment furnished. For details write P.O. Box 366 M-98, c/o Lancaster Farming, Lititz, Pa. 17543. References required.

Harness - Saddle repairing, new harnesses, bridles and halters. Esh's Harness Shop, Rt. 1, Newburg, PA 17240.

SHAVINGS IN SMALL TRUCK LOAD LOTS.
H. M. STAUFFER & SON
c/o John Griffin
Leola, PA
717-656-2811

FOR SALE
Coal At Wholesale Prices.
Hauled Direct From Mines.
For Delivery CALL
717-626-6569

We Buy Pine & Hardwood
Standing Saw Timber & Pulpwood
15 acre tracts or larger
Chipper for clearing
Complete Cleanup
For Information
GLATFELTER PULPWOOD
Charles R. Brown
office - 717-225-4711
home - 717-225-4172
Spring Grove, PA

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle.
MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

MISCELLANEOUS

Custom made storm windows and doors, aluminum windows and doors for milk house and dairy barns. Ceramic tile (seconds) for cow stable troughs.
ESCH FLOOR COVERINGS
¼ mile N. of Bird-in-Hand on Beechdale Road

REAL ESTATE

$650 per acre - 300 beautiful acres, grades A dairy, bulk tank and equipment, new freestall barn, 18x60 silo and unloader and automatic feed bunk, level sandy loam soil, excellent 1977 crop of soybeans, good modern 5 bedroom home. Call 517-567-8965 eves, 517-437-4133.

Wanted - 600 to 800 plus tillable acres in South Central Penna. or Northern Maryland. Long term lease with option to buy. 2 houses, dairy facilities for 100 plus cows. Ph: 215-847-5741 after 8 p.m. or send replies to Box 4, Ferndale, PA 18921.

Farm For Rent - 172 acre operating dairy farm, milking facilities include 23 stalls suitable for 50 cows. New Castle Co., DE. 215-884-2525.

Wanted to Rent - Lease or will take option to buy - Dairy Farm at least 100 acres with room for 50 head Jersey Cows, prefer house with 3-4 bedrooms. Area preferred - NJ, DE or MD. Write A. Harper, Rt. 1, Covington, PA 16917.

For Sale - 20 milk cows, 20 heifers, all ages, will sell farm complete with machinery to run modern dairy, remodeled all electric home, trailer hookup on farm, 74 acres. 717-925-6469. Heart of Game & Fish lands, located 1 mile south of Benton, PA.

For Rent - Gentlemen's Farm near Lavonia, Brush Valley, Centre Co., 150 tillable acres, large house and barn, available April 1, 1979. Write Box 127, Quarryville, PA 17566.

For Lease - Chester Spring Farm Land, 150 acre prime corn land. 215-MU8-9569 after 6.

Wanted to rent - small farm with option to buy or land contract. Bill Mullan, RD 2 Box 580, Manheim, PA. Lancaster Co. 717-665-6325.

For Lease - Hatchery with 249,000 egg capacity, completely renovated in 1971. All new Robbins hatchers and 2 new setters purchased in 1970; balance of setters are Red wood models. Hatchery contains three refrigerated egg rooms, 3 separate hot water heating systems, an egg grading room, and a 45 KW automatic Onan generator. Hatchery contains 8200 sq. ft. on first floor level. Contact George M. Anthony & Sons, Inc., Strausstown, Pa. 19559 Tel. - 215-488-6211.

MINNESOTA - 1400 acres, Winona Co. in southeast corner of state, best soil type, over 90% tillable, 4 excellent homes, grain storage, hog, dairy and beef buildings, will divide, Jack DeYoung Utica, MN 55979 Ph: 507-932-3778.

For Sale - Modern egg farm, 30,000 layers, 2 cage units, automatic feeding, cable cleaners, process your own eggs & get top dollar with established markets. For details phone 412-459-9110.

For Sale - 101 acres, Washington Co., Maryland, dairy farm, 40 stanchions, 88 freestalls, 20 x 65 silo with feeder, pipeline milker, 2 story brick house. Ph. 301-733-7998 or 717-243-0663.

REAL ESTATE

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write:
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

For Rent - Giant barn and silo, joins state game lands, pasture, stream, box stalls $25 up per mo. any storage.215-647-2020.

TEXAS FARMING FRONTIER - Dalhart, Texas, has prime irrigated farmland in the $800 per acre range. 100 years of strong water. Grow 150-200 bushel corn, mild winters, 178 day growing season, and large local grain market. 50 cents - $1.00 per acre property tax - no state income tax. Growing community with progressive school system. Free brochures available. Call collect day or night. (806) 249-5613, (806) 249-4000. Mike Justice & Associates, Box 501, Dalhart, Texas 79022.

FREE!
Exciting Fall-Holiday Catalog! Over 5,400 Country Properties described, pictured! - Land, Farms, Homes - Waterfront, Recreation, Retirement buys! Yours FREE from the World's Largest!
STROUT REALTY
1801 N. Front St.
Dept. 6490
Harrisburg, PA 17108
(717) 234-0138

175 acre dairy farm for rent, milking parlor with modern dairy equipment, new modern feeding equipment, $900 a month. Feed & farm equipment optional. Ph. 301-447-6320 after 7 P.M.

40 wooded, 5 clear acres, ¼ mi. from game lands, good building site, Millville, Pa. $40,000 or offer. 717-458-6705.

REAL ESTATE

For Sale - Mercer Co. dairy farm, 120 acres, 90 tillable, 53 tie stall barn with attached Clay parlor, DeLaval pipeline, new 20x80 barn addition, new 30x60 utility building, 20x100 calf building, 600 ton silo capacity, comes with 54 Holsteins and Equipment. All hay, corn and silage included in sale price. Reduced for quick sale $188,000. Good financing to qualified buyer. 814-425-2609.

DELAWARE
Farms — Land
CORN & SOYBEAN ACREAGE
DAN ENTERLINE REAL ESTATE
Dover, DE
(302) 674-0653

Holiday Greetings
3 Franklin County Dairy Farms, 2 with parlors.
Priced to sell.
VAN CLEVE REAL ESTATE
717-624-8201

200 BUSHEL CORN TRADE MARK
Located in the Corn Belt.
One of Nature's phenomenon.
The world's largest farming area.
LAND IS OUR ONLY BUSINESS.
BILL SHARKEY
AFLM - Broker
#25 N.W. Second St.
Faribault, Minn. 55021
507-334-2081
Broker Participation Invited

DAIRY AND CASH CROP FARM
306 Acres in Seneca County, Romulus, New York. Neighbor to other Pennsylvania farmers. Close to lake, two houses and several barns.
PATCHEN REAL ESTATE
For appointment only call
Norm Brewer, Sales Person
Phone 607-532-4949

— WANTED —
Capable, young dairyman to rent 275 acre Dairy farm near Mason-Dixon line. Owner with health problems wishes to sell Registered Holstein herd & full line of equipment under contract of sale to continue farm as a going, profitable operation. Send confidential replies with references to P.O. Box 366 M-96, Lancaster Farming, Lititz, PA 17543.

FARMS FOR SALE - CENTRAL, N.Y.
Large & Small -
all types ranging in price
from $40,000 - $300,000.
Also Land Listings Available.
Write for free farm listings.
STROUT REALTY
Ross Iannello, Broker
RD 1, Rt. 8, New Berlin, NY 13411
607-847-9288

REAL ESTATE REAL ESTATE REAL ESTATE REAL ESTATE REAL ESTATE REAL ESTATE

NORTHCENTRAL PA. FARMS
DAIRY FARMS

GETTING STARTED! Equity is always a problem for todays modern farmer. Take a look at this 50 head operation then. Excellent 36 x 126 barn with loads of hay storage. Good barn cleaner. Includes 45 acres of ground 100+ additional good laying tillable & pasture available at $8-10 p/acre. Good 2 story 4 bdrm. farm house w/electric heat & wood heat. All this for $59,500 Hurry. W-337. Immediate possession.

DAIRY, DRY COWS OR BEEF! These are all options available in this 30 head barn w/hay storage. Includes 40 x 80 steel building. 130 acres & 2 ponds. Good alfalfa ground. Large 2 story 5 bdrm. farm house partly remodeled. Would subdivide. $76,500 W-309.

65 HEAD CAPACITY! All tie stalls plus 8 calf ties & 2 box stalls 20 x 50 ribstone silo. Patz barncleaner. 97 acres included 75 tillable, & 100 acres of pasture also available next door for lease. Good 2 story 4 bdrm. house remodeled down w/family room & woodstove. 65 head capacity for just $100,000. T-638.

EXCELLENT ALFALFA GROUND! On this 172 acre dairy farm. Set up for 40+ head. Addition being priced. Close to 100 tillable. Includes 20 x 30 Harvestore, 2 smaller silos, all milking equip. & tank, unloader, barn cleaner. 2 farm houses. $121,000 M1608.

238 ACRE FARM! Set up for 52 holsteins in Tioga County. Approx. 130 tillable. Also leasing bordering farm very reasonable for heifers and additional tillable and pasture at very low cost. 20 x 64 concrete silo. 2 barn cleaners, 2 story 4 bdrm. home with family style kitchen. Owner anxious as family problems necessitate sale. This years crops available. $136,500. W-325.

MODERN DAIRY SETUP! On this 273 acre farm 52 head tie stall barn with attached heifer barn and machine and hay storage. 2 large ribstone silos w/unloaders. Pipeline, bulk tank, beautiful 2 story 3 bedrm. home w/fireplace, modern kitchen & Cathedral ceilings down. $18-20,000 in timber on property. Borders state land. Lots of water. Much more for $222,500 T-658.

JUG PLANT AND RESTAURANT goes with this 59+ head dairy operation w/pipeline. 2 large ribstone silos, 20 x 65 shop and storage shed. 24 x 40 garage, mobile home hookup and excellent 4 bdrm. home. Thriving restaurant and jug business set up for over 50 people on busy Rt. 15. A good manager can not only afford this but can make large profits here quickly. Take a look at $225,000. Owner will discuss carry back. M1715.

OTHERS

POULTRY OPERATION! Bird or egg operation equipped & ready to go, 18,000 bird capacity, 2 story coop, automated cleaning system & much more. Small ranch home, all on 14+ acres, $65,000. Lease available for egg bird operation, current tenant would help buyer get started. Owners would discuss finance. M-1529

BEEF OPERATION! 110 acre beef farm near Liberty. Approx. 40 tillable, balance pasture & woods, good springs, 2 good barns, feeder set up w/40' concrete bunk feeder, fed by 22 x 65 silo w/unloader, 2 wells, additional lease land available. All this for $60,000. 29% down, 8½% Interest, 20-25 yrs. M-1705

HUNTING & INVESTMENT

8-10 acres, stream, half wooded, terms available, exc. Hunting, Osceola, $4950. C158.

4.62 acres, some woods, spring approved sewage, Windham, $4950. Y133.

10 acres, pond, near state land & rec. area. Sabinsville, $7500. C136.

11.85 acres near dams, easy access, good hunting & views, Osceola, $7500. C140

17 acres, good road frontage, spring, exc. hunting, Troy, $8500. T554.

25 acres, Potter Co., half wooded, exc. owner terms, Westfield, $10,900. C114.

50 acres, $375 an acre, mostly wooded, building site, Lawrenceville, $18,750. W317.

254 acres, approx. $213 per acre, good road frontage, walk to state land, Blossburg, $54,000. M1689.

180.7 acres, approx. $350 per acre, sewage approved, pond site, E. Smithfield, $63,000. Y123.

CALL OR WRITE FOR OUR FREE LISTS!

THE Real Estaters REALTOR

Offices· Area Code - 717
TIOGA & POTTER Counties call or write
WELLSBORO, RD 3 Box 142a - 724-5921
WESTFIELD, 108 Main St - 814-367-2242
MANSFIELD, RD 1, Box 41 - 662-2138
AND BRADFORD County call or write
TROY, 533 Elmira St - 297-2118
WYSOX, Box 186 - 265-3171
OUR #1 AIM IS SERVICE

SHEETZ REAL ESTATE
RAY N. WILEY INC.
323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

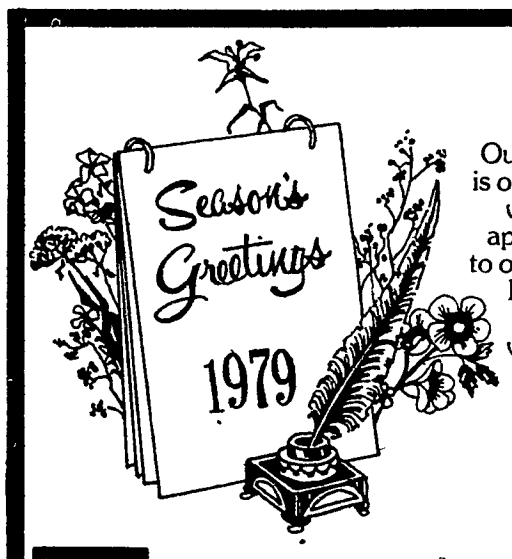
Farm Salesman-Eugene Kreider

PERRY COUNTY

135 Acre Farm, 100 Tillable, Mountain Stone House, 40 x 80 Barn, 10 x 30 Silo, Chicken House, 2 Implement Sheds.

Owner Financing to Qualified Buyer.

EDGAR MURTOFF
Box 230-A Loysville, Pa. 17047
Call after 6 P.M.
AC 717-789-3474



Our message is one of good wishes and appreciation to our friends. Hope your holiday is wonderful.

REALTOR

WIMPLE REALTORS
SLOANSVILLE, NY

- FARMS & MINI-FARMS

Call to set up an appointment at your convenience to inspect these and other farm and rural properties.

F8-337 Snyder County 223 Acres M/L. Restorable 10 room stone house, good barn, approx. 80 acres tillable, highway frontage, river frontage & some of Snyder County's best soil. Great for farming, business or recreation. Only $174,000.

F8-336 Bloomsburg/Catawissa area, 112 acres w/185 acres tillable, presently utilized for beef operation but can be readily converted to dairy, barn & other buildings in very good condition w/1100 ft. road frontage. House has 5 bedrooms, 1½ baths and family room w/fireplace. Excellent condition. $165.000.

F8-322 Snyder County 112 Acre General Farm, approximately 80 acres tillable. Large home and good set of buildings. $160,000.00.

F8-254 112 acres, 80 tillable acres, ready to go into operation, 16x50 silo w/unloader. 50 x 75 pole barn, 100 ft. feeding bunk. Other out buildings, pond, springs, hay, straw & unharvested crops to buyer, older 3 br. log home. Union Co. Once sold it's gone!

L8-229 Sportman's Paradise! 40 acres of woodland & open fields along Penns Creek. Natural deer sanctuary on your own island. Excellent trout fishing. Frontage along paved road. Mile from State game land. Ideal for cabin or camping. Near Glen Iron.$22,900.00.

Bowen Agency inc.

REALTOR®
22 North Market St.
Selinsgrove, PA

"PHOTOS BY WIRE"
717-374-2165
Evenings call Realtor Assoc.

Phil Graybill 717-374-8038
Paul Kuhn 717-374-4144
Guy Graybill 717-374-1524

FARMS

110 acres limestone based, good producing soil, Harvestore silo, barn set up for feeder cattle, could be converted to a milking operation, good location, good quality farms in the area, level land with high yield potential, possible financing available. $150,000.

Call Today! We Have Other Farms Available.

Ask for Jerry Frey
717-898-8441

Warren Weaver Inc. REALTOR
HOMES FOR LIVING MEMBER

Happy New Year

SOUTH CENTRAL PENNA. FARMS

CUMBERLAND CO.

Dairy (Newville)
190 acres, 150 tillable, fertile rolling Hagerstown limestone soil, large bank barn with 27 tie stalls, 400 gal. tank, 2 stable cleaners, 10x50 silo and other out buildings, large modern stone and brick house with center hallway, open staircase and two working fireplaces.

Dairy (Newville)
174 acres (120 tillable) fertile, rolling limestone soil. Pasture, timber & stream, 2 bank barns - 1 improved with 24 comfort stalls, 400 gal. tank, 3 unit pipeline & stable cleaner. 2nd is heifer housing. Large modern stone house with center hallway, open staircase & 3 working fireplaces.

Dairy (Carlisle)
108 acres, 80 tillable, fertile rolling limestone soil, large bank barn, 68 tie stalls, 500 gal. tank, 2 stable cleaners, 2 silos, 1 unloader and bunk feeder. Large cement block implement and loose housing building. Large semi-modern brick house with center hall way, open stair case and fire places.

General (Newville)
90 acres, 86 tillable, fertile level land, bank barn with 2 silos and other out buildings. Modern 2 story frame house.

Farmette (Carlisle)
2 Story stone & farm house with large stone fireplace, approx. 5 acres & a bank barn.

FRANKLIN CO.

General (Shippensburg)
160 Acres (130 tillable), large bank barn, small tile silo, 10 room fairly modern double house (frame & cement block), 3000' road frontage, 15 acres timber, 2 small streams & 200' frontage on Conodoquinet Creek.

YORK CO.

Dairy (Dillsburg)
90 acres, 82 tillable fertile rolling sandy clay loam soil. Large metal barn, 63 stalls, Double 3 parlor with DeLaval milker 500 gal. tank, 2 silos (1 with unloader & bunk feeder), large grain bin & other outbuildings plus farm pond. Modern 2 story frame house.

THINKING OF SELLING "YOUR FARM"?

This is certainly an important decision raising many questions -

What is a fair price ? How to find a "QUALIFIED" buyer ? When should I sell ? What about tax considerations ? The farm specialists of G.L. Ebener & Associates, with 85 combined years of dairy farming experience and other agricultural involvement, can help you with answers to these and other important questions. Selling your farm is one of the most important decisions of a lifetime and merits professional help. Write or call us to discuss your objectives.

GEORGE L. EBENER & ASSOCIATES, REALTORS
139 West High Street
Carlisle, Pa.
Phone - 243-6195

If you prefer, call any of the Farm Representatives at his home 'phone listed below.

John B. Niesley - (717) 243-7575
Charles L. Wenger - (717) 263-0945
George L. Ebener - (717) 249-4979
Wilbert L. Diehl - (717) 258-3231

UNIQUE HORSE RANCH

Unlimited possibilities with this approximate 60 acre± active horse farm. Plenty of woods with horse trails for riding, ¼ acre pond for fishing or swimming, large 3 bedroom, 4 bath house with room for expansion.

OTHER FARMS AVAILABLE. CALL FOR DETAILS.

The Gallery of Homes

B. GARY SCOTT, INC.
1537 S. Governors Ave. Dover, DE 19901
Phone: 302-674-5540

CENTRAL PA. FARMS

Centre County - New Listing - 85 acre farm, 75 acre tillable with very good 4 bedroom house and large barn suitable for beef, pigs, horses, etc All buildings are painted making this a neat, attractive farmstead located in the Spring Mills area on good township road **$134,500.**

Centre County - Located near Boalsburg, PA, this 44 acre farm features a good barn & 40 acres of highly productive tillable land It has excellent frontage. Sound 2 story frame house and shop can be purchased at a later date for a very reasonable price **$94,500** without house

Centre County - 44 acre farmette features completely renovated log house in excellent condition Located 4 miles north of the intersection of Rts 220 & 114, stream frontage, sound barn & other outbuildings, 5 acres pasture, 5 acres tillable, 33 acres woodland Good hunting & low taxes Very reasonably priced at **$67,500.**

Clearfield County - Brady Twp This general farm features 165 A w/approx 120 A tillable, a large 2 story bank barn, house & 24' x 100' implement shed Excellent road frontage & stream Very near the town of DuBois Priced at **$165,000** w/owner financing available (See following listing)

Clearfield County - Brady Twp Located quite near the above 165 A farm is this 76 A farm w/55 A tillable, featuring a house, barn, & several outbuildings There is an excellent flowing stream & very good road frontage Priced at **$88,000** w/owner financing available This farm may be purchased w/the above farm at a reduced price

Columbia County - Very highly productive grain farm, 533 A w/approx 345 acres tillable. Complete grain drying system with American batch dryer, 2 elevator legs, storage bins, 3 homes, 2 barns, & miscellaneous outbuildings Located near Bloomsburg Can easily be split into large grain farm & beef farm for simultaneous sale to 2 buyers Suitable for two families **$1,066,000 with 7½ owner financing.**

Northumberland County - Ideal as an investment or for general farming, this 138 A farm features approx 121 A of nice laying, highly productive tillable land & a very large 2 story bank barn Adjacent to Milton, it has a large amount of road frontage & pulic water & sewer is available Although the property does not have a dwelling the purchaser can purchase a new dwelling at cost Priced at **$414,000.**

Centre County - Bald Eagle area, 93 acre farm, 80 acres tillable, good productive land, no buildings Priced at **$89,000.**

Perry County - This 227 A general farm located 4 miles West of Millerstown features a beautiful 2 story stone house, 2 story bank barn w/21 stanchions, 2 silos, farm shop, implement shed & cribs, guest cottage & other well maintained outbuildings 2 streams provide water for 23A pasture 90A tillable & 112A woodland adjoins state forrest Located approx 30 minutes from Harrisburg & reasonably priced at **$210,000.**

Mifflin County - Ideal for **investment** or **general** farming, this farm features 115 acres, with 106 acres of productive, tillable land. It has valuable road frontage on Rt. 22, and also features creek frontage The brick dwelling features an open, banistered stairway from the first floor to the attic, and the two story bank barn has 21 stalls. Also included is a milk house, corn crib-implement shed and out buildings Reasonably priced at **$137,500** with owner financing available

Centre County - Nittany Valley - 160 acre **general farm,** 120 acres tillable, bank barn, out buildings, no house, stream, good water supply Located approximately 5 miles North of Bellefonte, PA on Rt. 26 Amish neighbors. Priced at **$199,500** with owner financing

Huntingdon County - Nice 277 acre **dairy farm** with 240 acres tillable, 33 acres pasture, & 4 acres woodland Featured is a 2 story frame house, with aluminum siding, 2 story frame barn with 50 stanchions, milk house with bulk tank & water heater, large concrete block garage & shop with cement floor, all in good condition & several miscellaneous buildings The majority of this farm lays quite nicely. Located 20 miles from State College Priced at $275,000 with owner financing available

Huntingdon County - Located in a beautiful area of Huntingdon Co , this property features a good, 2 story frame dwelling, good 3 bay cement block garage, large bank barn in good condition, and several miscellaneous buildings on 220 acres Approximately 80 acres is tillable and pasture ground The balance is woodland A small stream flows through the property, and it has an excellent view Ideal for **horses, beef, hunting or weekend relaxation.** Well suited for purchase with 277 acre dairy farm above as a large dairy unit Priced at **$110,000,** owner financing available.

Centre County - 217 acre **general farm,** 6 miles from State College, limestone ground, good buildings, **$280,000** - convenient terms available

CENTRAL PA. LAND/CABINS

Many land parcels & several farmettes available. Free lists available.

KISSINGER LEONARD & ASSOCIATES Realtors

FARM & LAND DEPARTMENT
Evenings Call:

Don Myers	PH: (814) 422-8111
Fred Strouse	PH: (814) 364-1705
Mel Rockey	PH: (814) 466-6688
Richard D. Reed (Bedford)	PH: (814) 839-4271
Larry W. Platt (Lewisburg)	PH: (717) 568-5563

245 South Allen St. State College
PH: (814) 234-4000
"Serving Central Pa. Since 1933"

SOUTHERN LANC. CO. MINI FARMS

43 acre farm, approx. 30 acres tillable, meadow with stream some woods, with good 4 bedroom frame house with over sized attached garage.

21.5 acres of level farm land and frontage, strong spring and stream, tobacco shed, bank barn, 3 car garage and 2 story home all in very good condition with good setting. $139,000.

10 acre horse farm complete with 12 box stalls and open housing, rail fencing around paddock, recently remodeled pointed brown stone farm house. Seeing is believing. $189,000.

Century 21®

EMORY D. WAGNER CO., REALTORS
215 W. Fourth Street
Quarryville, Pennsylvania 17566
(717) 786-2131

425 acres (4 farms) farmed as one unit and all land adjoins, 4 sets of farm buildings and the entire line of equipment also for sale. Large potato cellar, grain dryer w/20,000 bu. storage, 30,000 broiler capacity, room for 150 steers, 4 silos. Super water system for irrigation. Columbia County. Owner will finance heavily for acceptable party.

182 acres, potato and grain farm in Schuylkill County, double dwelling, nice contoured fields. Owner will help with financing.

Call
LEOLA REALTY
127 W. Main St.
Leola, Pa.
717-656-2281

FARMS FOR SALE

COUNTRY PLACES

61 acres, cleared land, woods, stream, development possibilities, $3000 per acre. Lancaster County.

90 acres fertile, Juniata Co., good set of buildings, $240,000.

65 acres, limestone, near Allenwood, Union Co., $140,000.

180 acres, large freestall setup, mostly tillable, Bradford Co., $195,000.

Small broiler operation, about 20,000 capacity, nice home, Union Co., $61,900.

Small farmette, 8½ tillable acres, woods, stream, very good set of farm buildings.

FARMETTES WOODS

HAPPY NEW YEAR FROM ALL THE FARM MEN

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone 717-569-8701
REALTOR

LYCOMING COUNTY
Oval, 55 acres general farm, 50 acres tillable $85,000.

NORTHUMBERLAND COUNTY
70 acre general farm, level sandy loam river bottom soil, exceptional 4 bedroom house, city water, road frontage.

UNION & LYCOMING COUNTIES
45 acres nice woodland with stream, excellent deer country.

UNION COUNTY WHITE DEER
140 acre Dairy, 52 stanchions, 3 silos, 126 tilled, 9 room brick house & stream.

CLINTON COUNTY
Between Nittany Valley & Sugar Valley. 180 acre general farm, real nice farm ground, large barn, nice house.

We have many other farms.

WITWER REAL ESTATE
Ephrata, Pa. - Office
717-733-4138 or
215-267-7963

FARMS

NEW LISTING - 123 ACRE DAIRY OR BEEF FARM ... Buildings set back from the road in the middle of the farm. 110 acres tillable, Lebanon County ... terms. Call Carl.

NEW LISTING - 200 ACRE DAIRY FARM ... with 500 free stalls and 24 stall milking parlor. Limestone soil, Lebanon County ... terms. Call Carl.

260 ACRE VERY PRODUCTIVE FARM ... Eastern Lebanon County, 5 acres wooded, 12 acres pasture (could be tilled). All the rest of the acres are under the plow. This land is all level and in 1 block with 4 hard roads surrounding. 129 Ft. dairy barn, extra large house ... terms! Call Carl.

160 ACRE HOG AND BEEF FARM ... 128 productive, tillable acres, 32 acres pasture with stream, 75x80 barn for beef and a very nice modern 4 bedroom home. Facilities to accommodate 60 sows, fatten 400 hogs and feed 100 steers. A 3 story poultry house with automatic feeders, turkey broiler contract available. Reasonably priced, quick possession. Call Jesse or Judy.

106 ACRE FARM ... Adaptable for hogs, beef or dairy, excellent corn and alfalfa producing soil. A nice dairy setup with 14 comfort stalls and pipeline milking system, 54 free stalls and bunk feeder, 16x65 silo with unloader, a large 4 bedroom home with 2½ baths, spacious eat-in kitchen with fireplace. A good farm, ready for the buyer who wants a level farm ready to go. Reason for selling is owner's health. Call Jesse or Judy.

CALL:

RICH BRANDT, REALTORS

Lebanon Line - 717-274-3622
Reading Line - 215-378-1122
or our agents

JESSE ZIEGLER	JUDY ROGOZINSKI	CARL JOHNSON
717-838-1257	717-274-3550	215-367-6160

REAL ESTATE

REAL ESTATE

DAIRY FARM FOR SALE OR RENT

Outstanding 100 acre dairy farm for sale or rent, 3 silos (2 Harvestore) 100 stall loose housing, automatic feeder, 50 stall chain tie, pipeline bulk tank, box stalls & calf pens, cow barn, equipment storage building, work shop, brick house, all tillable in excellent state of fertility, mostly in alfalfa & corn.

GRAND VIEW FARM
Estate of C.S. Erb
R.D. 1, Middletown
Shown by Appointment 717-238-8187
or 717-533-3321

100 Dairy and cash crop farms for sale. Central New York. 50 - 200 cow farms with 100 acres to 1000 acres. Send for our free farm list or call collect for an appointment after 8 PM or before 8 AM.

RICHARD E. POSSON REALTY INC.
R.D. #3
Norwich, NY 13815
(607) 334-9727

WANTED
LAND TO LEASE
Northern Bucks and Southern Northampton & Lehigh Counties. Will pay top dollar for 50 acres and up.
215-346-7065

SULLIVAN CO.
FOR THE PROFESSIONAL DAIRYMAN! 152 acre farm with completely modern 80 tie stall dairy set up for efficiency. Entire milking facility new in 1972. 26x70 and 20x60 concrete silos. 28 head loose housing barn, 45 head calf barn, 6 bay garage and shop. Very good 12 room farm home - modern kitchen and 2 baths. Farm consists of woods, pasture with pond and 50 acre tillable. Land available for leasing. Sale includes all hay, silage and haylage and milking equipment. Ready to go. $210,000.00.

BRADFORD CO.
PRICE REDUCED! 179 acre idle dairy or beef farm, rolling acreage. 100+ tillable, 3 stock ponds, good deep well, woodland and pasture. 43 stanchion barn and 14x40 concrete sill. 8 room farm home and outbuildings. Paved country road. $90,000.00.

UNITED FARM AGENCY OF PENNA. INC.
R.D. 1, TOWANDA, PA. 18848
TEL: 717-265-5924

PAUL M. Longacre FARMS AND COUNTRY PLACES

NORTHUMBERLAND COUNTY
206 acres, 165 tillable pig & steer farm Farm house completely renovated, 2 baths, 5 bedrooms, modern kitchen, etc. Really nice place Setting in from road with beautiful view, 1000 head pig capacity farrow to finish with large bank barn, 100 steer capacity & large corn storage, running stream, etc. A beauty **$295,000 #224.**

MONTGOMERY COUNTY
75 acres, $3,500 00 per acre large amount of road frontage. **#139.**

40 acre 8 room house and barn ready for renovation. Located along Rte 663. Tremendous possibilities **$125,000 #111.**

FULTON COUNTY
181 acres, 123 T., large three story four bedroom frame house, modern kitchen and 1½ baths, large bank barn, 15 stalls, attached shed and other outbuildings **$165,000 #137.**

232 acre dairy farm, new 73 cow freestall barn with automatic bunk feeders. Bank barn with 33 extensions, bulk tank, new machine shed, 2 concrete and 2 trench silos, large new brick home, 1 fireplace and barbecue pit, modern kitchen, dining room, 3 bedrooms, large semi-finished basement Absolutely beautiful Second house with 3 bedrooms and bath **$260,000 #163.**

BERKS COUNTY
139 acre orchard, very nice, large sales building, 110 x 60 & 40 x 45 refrig. storage, grading rooms & office building Also a good 8 room frame home w/bath & 4 room Summer house w/bath. A very nice operation at **$380,000. #241.**
36 acres adjoining property available also, **$108,000 #242.**

95 acre horse farm with the most outstanding restored historical brown stone eight room house, bath, fireplace, guest house, smoke house and spring house Very large and outstanding 16 stall barn with large addition for steers, very good limestone soil with enough level land for a race track For the race horse lover Registered with Pa historical society **$375,000 #117.**

208 acre dairy farm Large 9 room stone house with fireplace, & attached frame addition, beautiful setting Large barn with slate roof, 62 stanchions, 20x60 & 12x50 silos, pipeline milker, bulk tank & outbuildings 1½ mile of macadam road frontage running through farm intersecting long fields making hauling easy 160 acres tillable. Must be seen to be appreciated **$416,000 #101.**

COLUMBIA COUNTY
204 acre jug milk farm featuring 2 homes, main house stone & frame, 12 rooms & bath w/all modern conveniences Second home 2 story w/8 rooms, & bath, oil hot air heat, both in excellent condition. Also 130 freestall barn w/automatic feeding, parlor, milk house & holding area One 26 x 70 concrete, one 20 x 30 Harvestore & 5 12 x 45 silos Also new dryer & 11,000 bu storage bin, 4 large equipment buildings & 4 car garage Sales-store w/black top lot & walk in cooler, also a full line of modern equipment including 4 tractors, skid loader & combine Also 65 head of cows A very good buy at **$550,000 #247. Call for details.**

JUNIATA COUNTY
117 acre orchard w/road side store market featuring walk in cooler & large cold storage There are apple, cherry & peach trees, a lovely 2 story home w/6 rooms, bath & laundry, all modern A family operation & a very good buy at **$195,000 #246.**

MONTOUR COUNTY
125 acre dairy farm, 90 tillable, large 2 story home, large barn w/40 stalls, implement shed, hog pen & stream through pasture **$150,000 #214.**

FRANKLIN COUNTY
46 acres with cabin & beautiful wooded area near Chambersburg **$57,500.**

BRADFORD COUNTY
NEW
220 acres, 175 tillable, 86 tie stalls, barn cleaner, pipeline milker, bulk tank, 3 concrete silos w/unloaders, 9 room house w/central heat **$188,000.**

290 acres, 220 tillable dairy farm, 102 stall barn, pipeline milker, bulk tank, barn cleaner, fans & heifer stalls, large machinery shed & heifer barn, new insulated shop, 2 18 x 50 concrete silos w/unloaders, 20 x 50 Harvestore silo & other outbuildings. A real going operation at **$470,000.** Cattle & machinery optional Also 150 acres available for rent **#239**

98 acre, 70 tillable, good dairy barn, 47 tie stalls, heifer stalls & pens, bulk tank, barn cleaner, 20 x 60 concrete silo w/unloader, all equipment in good condition, **$110,000.** Cattle optional Also 100 acres available for rent **#240**

16 acre hunting camp w/frame house, nice kitchen, large stone fireplace, cathedral ceiling, fenced. Also 2 barns, milkhouses, grainery & garage Spectacular view, **$49,000.**

REDUCED
243 acres, 110 tillable good alfalfa ground, 2 houses both remodeled Main house has 8 rooms including modern kitchen & bath. Second house has 6 rooms & bath Both automatic heating 61 stall barn, barn cleaner, 630 gal tank, milk transfer system, 2 concrete silos w/unloaders, 2 tool sheds. ~~$270,000~~ **$230,000.** Now operating with cattle optional Also 200 acres available for rent **#226.**

116 acres, 63 plus stall Quonset ba[illegible]ing area, large machine shed, [illegible]ders, barn cleaner, ba[illegible], very nice 9 room home, 4 bdr., [illegible] for **$145,000.** Second dwelling, cattle, and machinery optional **#217.**

SALES AGREEMENT

168 acre dairy farm, 35 stalls, barn cleaner, 18x50 conc silo w/unloader, 500 gal bulk tank, 42x70 machine shed, **$125,000 #192.**

155 acre modern dairy farm, 800 gal bulk tank, 64 tie stalls, barn cleaner, 2 silos, modern dwelling, 4 bedrooms, new furnace, oil & wood combination, beautiful view and other outbuildings A good producing farm **$141,000. #184.** Cattle & machinery optional

104 acres, 55 tillable, woods, stream, lake site, 10 room home, 1½ baths, fireplace, orchard A nice place to raise a family **$75,000 #177.**

WOODED ACREAGE
(2) 25 acre tracts **$14,250 ea.**
10 acre tract **$6,000.**
13 acre tract **$7,800**

248 acre dairy farm, 160 T., new dairy barn, 72 free stalls, 8 stall herringbone parlor, 800 gal. tank, 80 cow bunk feeder, 20x60 conc. silo w/unloader (half full of silage), liquid manure, heifer barn and dry cow barn, also storage barn, 2 story frame house, 7 rooms and bath w/upstairs apartment All for **$178,000 #115.**

110 acre dairy farm, 50 stanchion barn, 2 story shed, silos, machinery included Colonial type house, 9 rooms, 1½ baths ~~$98,000~~ **$88,000 #125.**

CHESTER COUNTY
106 acres of nice open ground, Newark area Ideal for farmette or development Call for details **$79,500.**

SUSQUEHANNA COUNTY
148 acres beautiful woodland located near Elk Mountain ski area **$83,000.**

LUZERNE COUNTY

82 acre X-mas tree farm in excellent condition, beautiful old frame 10 rm home, 5 bedrooms, 2½ baths, fireplace, kitchen, etc. Barn, grainery, silo, and garage 10,000 X-mas trees ready to go 25,000 total trees A nice home and a good business opportunity **Priced to sell $168,500 #172.**

10 acres wooded for **$15,000 #176.**

Grain Farm, 138 acres tillable, 9 room very good house **$160,000.**

YORK COUNTY
203 acre dairy farm, beautiful 150 comfort stall barn, pipeline milker, two 1000 gal bulk tanks, extremely large milk house with offices, dry cow barn with large hay storage above. Very large concrete lots, two Harvestore silos 20x50 Large trench silo 10,000 bu grain bin Two very beautiful homes. A very beautiful farm **$475,000.**

160 acre, 130 T beef farm, remodeled 8 room house, large bank barn, corn crib, and other outbuildings, nice laying land. **$225,000.**

8 acres 8 room frame house, oil hot water heat, double corn b, beautiful setting back off road with farm pond **$58,000 #144.**

LEHIGH COUNTY
102 acre steer farm, barn feed lot and silo Large stone house, center entrance, ready to be renovated **$175,000 #145.**

105 Acre Tract, clear & wooded, access on two roads overlooking Allentown & minutes from Bethlehem Also brick farm house, 6 rooms & bath Private **$420,000.**

POTTER COUNTY
40 acres of mountain land, 10 acres open Remainder woodland, borders on hard road one side **$20,000 #109.**

SNYDER COUNTY
155 acre beef & swine farm Large barn, 85x90, excel condition, 2 story grain house, 36x30, ex cond , implement shed, second steer barn, 45x50, good cond Very nice 2 story frame aluminum sided home, 8 rooms & bath A very nice operation **$175,000 #188.**

TIOGA COUNTY
125 acre dairy farm, 95T, good milk pickup access, you'll like the soil, contour of land and drainage! Beautiful 2 story, 9 room farm house, 36 stall barn, 2 new concrete silos, new machine shed, shop and pond You'll love it **$156,000** Cattle and machinery optional

Selling or buying a farm is more than a simple business transaction. All of our salesman have been engaged in aspects of farming. We have a good knowledge of farming & farm finance & are geared to help you with quick and reliable service. Our agency force throughout the state is ready to serve your needs today. If you are thinking about buying or selling, please call us for a free consultation. Let us help you achieve your higher goal.

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt. 100 Hereford, PA 18056
Ph: 215-679-5919

DONALD LONGACRE
Berks Co
215-679-5919

WILSON T. ADAMS
Berks Co
215-562-8210

GEORGE PERRY
Berks Co
215 944 9910

GORDON BOYER
Luzerne Co
717 788-3543

RALPH CONNELLY
Chester Co
215-857 9619

E. DEAN FRANKLIN
Bradford Co
717-265-6062

TIM FRANKLIN
Lycoming Co
717-326-1675

JAMES TWIGG
Franklin Co
717-264-9261

AMOS BALSBAUGH
Lebanon Co
717-949-6534

HAROLD SHELDON
Susquehanna Co
717-727-2881

JOE SIEBER
Juniata Co
717-463 2181

KEN THRUSH
Columbia Co
717-784-5023

RAYMOND SWARTLEY
Bucks Co
215-257-6425

THANK YOU! FOR SUPPORTING US THIS PAST YEAR

As we advance into another year the people at Hoober's want to pause a moment and say Thank You to the Farm Community for your support in years past. We are proud to be associated with all the Agri-businessmen of South-Eastern Pennsylvania and beyond. Through your farsightedness, dedication and hard work you have proven to be the most productive element in American society today. We wish you continued success in 1979 and pledge that we will provide you with the service support you demand in order to achieve your goals of producing America's food as efficiently as possible.

"BUD & CHARLIE HOOBER"

WINTER SERVICE SPECIAL

★ 10% DISCOUNT ON ALL PARTS USED ON ANY TRACTOR OR MACHINE REPAIR JOB SCHEDULED FOR COMPLETION BY — 3/31/79.

★ CALL RAY SHISSLER OR DON CARPER THIS DECEMBER AND GET YOUR EQUIPMENT REPAIRED BEFORE SPRING BY THE HOOBER EXPERTS.

RECONDITIONED COMBINES — WAIVER OF FINANCE TILL 5-1-79

IH - 91 Combine w/10' Platform $400.00 Down
Case - 660 Gas w/10' Platform & 2 row Cornhead. $1900.00 Down
Gleaner A with Cornhead.
IH - 101 Combine w/10' Platform. $500 Down

RECONDITIONED TRACTORS

IH F1568D w/duals, $4200 down
AC 5040 diesel, $1100 down
IH F1456D w/cab, $2500 down
IH I454 gas tractor w/new tires & paint, $1200 down
IH Super C w/mower
IH Super C w/cultivator
IH Hough Loader, $2000 down
MF 1085D w/16.9x38 tires, 132 hrs., $2700 down
IH 1066 1973, air cond. cab, Ser. #27393, 888 hrs., 20.8x38, 10 ply, new.
Case 1170 1970, Ser. #8665226, air cond.,, 20.8x38, 1100x16, 4315 hrs.
AC 7030 1974, Ser. #3709, 1525 hrs., air cond., 20.8x38 duals, full weights.

RECONDITIONED TILLAGE

IH - 55 Chisel - 9 Tooth Trailing
Dunham-Lehr - 12" Cultipacker
Lely Rottera - 12'
Brillion Cultipacker - 9'
Brillion 22' Spring Harrow

RECONDITIONED PLOWS

IH - 311 Fasthitch
IH - 540, 4F Semi-Mounted
Deere - 5F - 16" Semi-Mounted Model F145H
Deere - 3F Mounted
IH - 155 - 5F - 16" Rollover
AC - 5F - 16" Semi-Mounted

RECONDITIONED EQUIPMENT

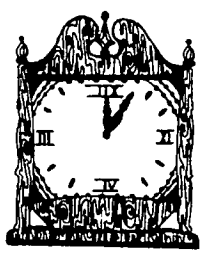
Bearcat 1250 Grinder-Mixer
John Bean 40 RC Sprayer w/Dodge Truck
IH - 101 Ground Drive Spreader
New Holland - 10 Ton Running Gear
IH - 225 Hayswather
IH - #8 Flail Chopper
IH 8-row Air Planter, Model 400

RECONDITIONED DISKS

Oliver - 10' Tandem
IH - 480 20'6" Wingfold
Bush Hog - 14' Heavy duty 24" Blades
Deere - KBA, 12' w/Cylinder
IH - 760, 12' Offset
IH - 370, 12' Tandem
IH - 37, 10' Tandem

HAPPY NEW YEAR FROM ALL OF US IN THE PARTS DEPARTMENT

PARTS MANAGER - RICHARD BOMBERGER
SHOP PARTS MANAGER - ROY WEAVER
O.P.P. PARTS MANAGER - ROY HORST
ASST. PARTS MANAGER - DENNIS EBY
PARTSMAN - KENNETH BEILER
PARTSMAN - ALFRED YODER
PARTSMAN - LEONARD GROFF
PARTS CLERK - JUDY LANDIS
STOCKMEN - ELMER, CLARANCE, JIM, JOHN



OUR PLEDGE FOR 1979 — MORE FRIENDLY SERVICE WITH QUALITY AT A RIGHT PRICE.

(WATCH FOR OUR TRUCKLOAD SPECIALS)

VISIT US AT THE PENNSYLVANIA FARM SHOW

STEIGER

BOOTH 310-311

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PENNA. (717) 768-8231 AUTHORIZED UPS STATION

REAL ESTATE

REAL ESTATE

DAVID W. SHRODES REALTY

SOUTHERN YORK COUNTY - FARM FOR SALE

86+/— Acre Farm located in prosperous farming region, Nicely Laid Tillable Acreage, Wooded and Pasture Land with spring flowing through. 3 Bedroom Frame dwelling and barn in restorable condition. Frontage on hard road. Call for details $139,900.

301-692-5667

#180 - 5 Acre farmette in Ringtown, large 4 bedroom 5 yr. old home, 2 barns; second new 1 bedroom home, $75,000.

#166 - 102 Acre Farm Near Gratz - Lykens Valley
80 tillable, stream thru, pond, spring water, 20 room home, 4 large barns, plus others, $179,000.

#164 - 10 acre farmette, excellent barn, nice home, stream, $49,500, more acreage available at $1000 per acre.

#167 - 10 A farm, very nice large remodeled home, 4 large barns plus garages, pond & stream, secluded but near town, $69,000.

#156 - 70 acre farm, $79,000, 45 tillable, 25 acres large timber, stream through, 4 bedroom home, 90 x 20 barn plus other buildings. Owner will finance.

#126 - 40 acre farm $77,900. Near Halifax, barn shop, home.

#128 - 880 acres mountain land, some roads thru, near an Interstate, $175,000.

#151 - 25 acre farm, $198,000. 35 room brick mansion, second large brick 4 bedroom home, 4 barns, additional acreage available.

Acreage available from 5 to 112 acres.

Shown by Appointment Only
Other Farms Available, Call or Write

STROUT REALTY
336 East Main St.
Hegins, PA
717-682-3241

BUY NOW!

It will be plowing time by closing time!

ONONDAGA COUNTY - CASH CROP and BEEF FARM - 326 ACRES, over 200 tillable, high producing land. SHOW FARM with lovely colonial home. Relocated seller. Listed at $360,000. Full line of machinery also available.

ONONDAGA COUNTY - Package Deal - under $300,000. Seller has made offer in other area. 130 tillable acres. Main barn 42 x 140, 69 (tie stalls & stanchions), S.S. pipeline, heifer barn, machine storage barn. Comfortable home. 100 head of cattle, machinery.

ONONDAGA COUNTY - WOW! Seller will consider holding partial mortgage. 200 Acres, 120 tillable, 66 tie stalls, heifer barn, machine storage, other out bldgs. 2 family house, mobile home, & main house. Listed at $250,000. Let's talk. Cattle & machinery also available.

CAYUGA COUNTY - 335 acres, 225 tillable, 90 acres alfalfa. 72 tie stalls, newer barn, large heifer barn, & other out bldgs. Housing for two families.

MADISON COUNTY - Package deal. Listed at $335,000. 42 x 160 barn, built in 1958. 78 tie stalls. Herd average 17,000 lbs. milk. Machinery included. Nice 3 or 4 bdrm. home. For appt. Audrey Banner, Broker, 315-689-3959 or 315-626-6156.

AUDREY BANNER R.E.
The Country Specialists

MAILBOX MARKET

For Sale- Eskimo Spitz pups, Chester Co 215-286-5403

For Sale- JD 3020 with M & W turbo charger, power shift, Chester Co 215-593-6731

For Sale- Standard bred carriage horse, 6 yr old, anybody can drive Omer Stoltzfus, Madisonburg, PA 16852

For Sale- 4 yr old Molly roan mule, good worker, 37 Int baler, with 2 cyl Wisc engine, good condition, Abner S Smucker, Rd 3, New Holland, PA

MAILBOX MARKET

For Sale- NI 206 spreader on rubber or steel Berks Co 215 589-2608

Wanted- 2 Horse trailers or cow trailers suitable for handling cattle 315-673-2875

For Sale- Hampshire & Berkshire boars, will deliver Terry Bennecoff, 215-285-6582

For Sale Timothy hay, $1.45 bale Frystown 717-933 8388

Wanted- Sauder loader brackets for Ford 5000 Lancaster Co 717-872-5514

MAILBOX MARKET

For Sale- 300 gal Esco milk tank, 3 stall Conde milking parlor, glass pipes, Eli K Stoltzfus, Rd 1, Box 352, Gordonville, PA

For Sale- Parts from Ford dump truck, electric 2 speed rear, 4 speed trans, hoist, dump body 7x9, Monroe Co 717-992-6478

For Sale- Manifold, carburator and crank for F12 McCormick tractor Aaron J Stoltzfus, Rd 1, Gap, PA.

For Sale- Grove dump wagon, 14 ft. with high bale sides & 3½ ft., ear corn sides, 215-286-9456

For Sale- IH hydraulic 3 bottom trailer plow, treads and hitch $75, MF 65 front wheel rake $40, Silage unloader winch $30, Lancaster Co. 215-445-5918

Wanted- Steel wheels for Farmall M, 717-922-1930

For Sale- 12 cow mats, like new & NI tobacco planter with extra shoes for tomatoes and fertilizer attachment, A-1 condition, 717-354-9837

For Sale- Rod and main bearing for TD 9 tractor Wanted- worn out Farmall H tractor, John L. Stoltzfus, Star Rt 2, Box 431, Spring Run, PA

For Sale- 2 electric welders, 200 amp and 300 amp, 2 JD 48 loader bucket tractor tire and tubes 10-36 tractor tire, 717-944-3044 after 8-9 p m

For Sale- Corn fodder $30 per ton at farm, can deliver, Cumberland Co 717-486-5624

Set radial snow tires, GR78-14 Chester Co 215-857-9888

For Sale- Clean home grown red clover seed, purity analyzed and germination tested by MD Dept of Agr. 301-275-2055 or 275-2605

For Sale- Registered SPF Yorkshire Service Boars, very aggressive, delivery available, Red Run Farm, Rt 2, East Berlin, PA 717-292-4634

For Sale- 5 breeding age purebred Charolais heifers, 1 polled Charolais bull, 4 bred Charolais cows, 1 large Simmental bull, Lehigh Co 215-756-6618

For Sale- 1976 Chevy crew cab, dually 1 ton $4900, 1976 Chevy Silverado dually 1 ton $4200, 3 gooseneck trailers $2000 up York Co 717-225-3066

For Sale- Century High-boy sweet corn sprayer $900, also, JD 494A 4 row corn planter $450, 215-279-5569 Montgomery Co.

For Sale- 9 large Dehorned vaccinated Holstein heifers, some bred for late summer and after, Martin Petroski, Jackson, PA 717-756-2764

For Sale- Wheat straw, Int 815 combine, hydrostat, AC, strac chopper, 4 row corn head, 13 ft grain head, Bucks Co 215-343-2444

For Sale- 180 AC low hours, good shape, 301-836-1855 after 7 p m Harford Co

For Sale- JD 3-16 pt trip plow $250, Case 140 manure spreader $80, Lawrence Z Nolt, R2054, N Richmond St, Fleetwood, PA

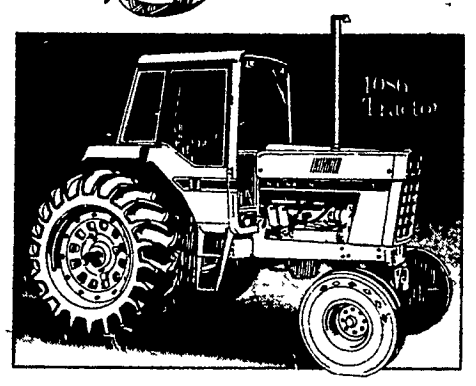
For Sale 1933 Chevy coupe, street rod, 318 Chrysler, Automatic $1800 firm Somerset Co 814 634 0140

For Sale by owner- Seneca Co, NY 43 stachion barn, 90 A, 75 tillable 607-869-5320 or 315-549-8755

For Sale JD model 110 disc, 12 ft wide with dual wheels, exc cond $1750, Somerville, NJ 201-359-5934

START THE NEW YEAR RIGHT!

CALL HERITAGE INTERNATIONAL FOR YOUR EQUIPMENT NEEDS



USED TRACTORS

1066 Diesel w/23" tires, rubber excel, new clutch, $12,700
574 gas, 57 hrs.
Farmall 806D Farmall 460
Farmall 544, 3 pt. hitch
Int. 3200 A, skid steer loader w/2 buckets
Int. 504
Farmall H Farmall 300
(2) Farmall Super C's w/cultivator
Farmall C w/loader
I 424 w/loader
(2) Farmall A's w/equipment
Ford 5000D, low hours, new tires
I 460 w/loader

These Tractors Will Be Sold At Tremendous Savings To You Because They Were Purchased Before New Price Increases.

(1) 684
(1) 784
(2) 986
(1) 1086

USED TILLAGE TOOLS

Int 370 Disk Harrow, 12'8 w/13 ft mulcher
Int 9A Drag type Disk Harrow
JD 12' Disk Harrow
Int 550 16" 5-bot. Plow, new bottoms, new coulters, special price
Int. 475 Disk Harrow, 13 ft, 1½ yr old, excellent

NEW & USED HAY & FORAGE MACHINES

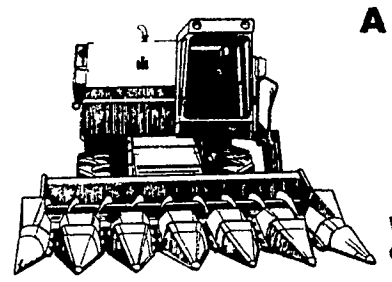
Int. 46 Baler w/thrower
Int 990 7' Mower Conditioner
Fox IF546 Chopper w/2-row corn head & hay pickup
Int. 46 Baler
Int. 550 Forage Harvester w/2-row corn head, 1000 PTO
Gehl Hylift Blower
JD #60 Blower
NH #23 Blower
IH 56 Blower
JD #38 Chopper w/2-row head
720 w/2-row Row Crop Unit and Hay Pickup, $7990 00 One Only
830 w/3-row Row Crop Unit, $9090 00 One Only

NEW 501 HEAVY DUTY TANDEM 12 FOOT, 5 INCH DISK HARROW
• With 24" Diameter, ¼" thick Disk **$4995.00**

FREE Pickup And Delivery On Any Service Work Scheduled by February 28, 1979

FARMALL 1066
New Tires, Low Hours
Local Tractor **$12,700**

WAIVER OF FINANCE ON NEW & USED COMBINES TILL SEPT. 1, 1979



A CREAM PUFF - 915D COMBINE

2 YEAR OLD INT. 915 D CORN & SOYBEAN SPECIAL COMBINE
w/6-row corn head & 15' platform, local machine, 500 actual hours of use.
This machine was never outside, always stored inside We sold it new, We serviced it. This is the cleanest combine you will ever have the opportunity to buy.

Int. 205 Combine w/13' grain platform w/pickup reel & 2-row corn head, cab, Outstanding condition, 1 owner machine
MF 300 Combine w/2-row corn head & 13' platform, cab
JD 40 Combine w/2-row corn head & grain platform

SPECIAL VALUE
Int. 2400D Industrial Loader Tractor, New Discontinued Model, 3 pt. Hitch, Independent PTO, Priced To Sell.

Our Aim is to Serve You Better.

HERITAGE INTERNATIONAL INC.

1054 SOUTH STATE STREET
EPHRATA, PA 17522
PHONE 717-733-2283

Lancaster County's Only International Full Line Dealer

ATTENTION

Each mail box market ad must be accompanied by your Lancaster Farming mailing label, phone number with area code, and due to repeated requests, please include your county for buyer and seller convenience.

MAILBOX MARKET

d Single disc harrow ongue truck suitbale for horses, no junk, H. Lent, Van, NY 315-536-4540.

le 385 gal. Creamery e bulk tank, new cooling $1500, Cumberland Co 66-2216

le Warm morning coal od $125, Trolla cast iron stove $325, 19" console TV $125, 74 Vega GT 215-267-2021.

d Davis' portable & mixer Jonas D. er, Rd 2, Box 94, d MD 301-334-2893

le- Polled Hereford bull, ed, no papers, Born 8 $350, 609-935-4072

le 955 Cat front end 12A series, good under e, motor needs some $2500, 215-966-4865 p m Lehigh Co

le 2 bred Charolais purebreds, certified $45 per lb 1 cattle 215 944-9669.

Sale 1973 Mercury o MX V8, automatic, AC, 4 door black, good on, Lancaster Co 717-91

Sale 5 part Eskimo s, also cast iron radiator water furnaces, Lan- Co 215-445-7117

le- Large old Stewart Console radio, plays oks good $35, Del Co 8-3813 after 7 p m

le- Late JD A good excellent running on, 3 pt hitch, Roll-o- ront end $1000, JD MT 2 row cultivators 302- 08

- 300 leghorn pullets to lay, W Ervin DeLong, Quarryville, PA 717-786-

d Land to rent, own area, For Sale- 85 ground drive manure er, good for horse $150 Berks Co 717- 68

le- 1974 Ford F350, 14 ed, good condition, best No 17 NI manure er, like new 215-445- Lancaster Co

ale 165 MF high ce tractor with high lift manure loader, good $4000, Lancaster Co 3-9295

le- AKC Great Dane s, fawn colored, d, wormed, shots, on bloodline. Lebanon 7-866-2978

le- Complete DeLaval milking system, large for 100 cow barn, 8 milking units 301-592-

le- 2 Yorkshire service 717 733-6268.

le- Heat Houser, Tractor rd tractor 8N or 9N 2" hammermill, ground or Oliver loader 215- 77

le- Chow Chow puppies, male, also blacks, stud blue male. Lancaster 665 5770.

MAILBOX MARKET

Wanted- Litter carrier with at least 300 ft of track and 4 switches, fiberglass tub preferred, Write giving phone number. Christ L. Zimmerman, Rd 1 Box 319, East Earl, PA.

For Sale- Approx 400 bu Buck wheat, 100 bu rye, 100 bu oats, Northumberland Co. 717-425-2432.

Set of Twin bay fillies, 6 mo. old, ½ Morgan ½ Quarter horse, Leroy E Whipple, Rd 1, Newburg, PA 717-532-6674.

For Sale- MF 35 tractor, PS, 13" rear tires, very good condition, $2750, 215-488-1337 Berks Co.

For Sale- Smidley 16 hole hog feeder like new, Wanted- hired man for 1979 Kutztown, Berks Co. 215-683-8515.

For Sale- 3 mo old Jet Stream heifer calf, grade, good records on dam Lancaster Co 717-687-7260.

For Sale- Nevarot wood preserver, $3.25 gal bring containers, used leather cow ties John A Beiler, 621 Musser School Rd , Leola, PA

For Sale- 68 VW Squareback, wrecked in front has good frame, trans-axle, good motor $120, 66 Plymouth Fury III, wrecked in front, good backend, auto. trans & rear, $40 Berks Co 215-682-7327

For Sale- 4 new Pride-of-the-farm hog feeders, 12 hole with cast iron troughs $295 each, assembled Cumberland Co 717-423-5464

Wanted- Hay tedder on steel wheels, storm front buggy or carriage, NI lime spreader to fit on manure spreader, T. Holiday, Rt. 4 Box 244, Waynesboro, TN 38485

For Rent- redecorated unfurnished first floor apartment in Victorian farm house, North Harford Co , MD, no pets, 301-452-5589 after 7 p.m

For Sale- 1966 Chev. series 60 with 12 ft flat dump, perfect sawdust truck, Sullivan Co 717-924-3757

For Sale- Surge pipeline complete with 4 mini cups, 380 ft of 2" stainless line, Somerset 814-479-4638 or 479-7682.

For Sale- AKC Registered Cocker Spaniel puppies, 1 Buff colored male, one black female Richland, PA 215-866-6635

For Sale- 80 used stanchions 2-14x40 tile silo (Crane), 17x40 Harvestore, 20x60 Ribstone silo with unloaders. Donald Balderston, Box 148, Colora, MD 21917.

For Sale- Mixed hay, $1 per bale, Wanted- Working saw mill, Warren Co., NJ 201-689-3323.

For Sale- 12 ft. Bush Hog model 146, Heavy offset disc, $2500, York Co. 717-993-6152.

For Sale- 1 8 ft. Hutchmaster offset disc, 1 12 ft Hutchmaster offset disc, 215-286-9118.

For Sale- Reg. Fresh & Springing Holstein cows, tested and classified, quantity of semen, Clifford LeVan, Rd 3, Box 64, Milton, PA 717-742-7008 Northumberland Co.

MAILBOX MARKET

For Sale- NI 10 ton tandem manure spreader, single beater, hydraulic tail gate, very good condition. Lancaster Co. 717-665-3865.

For Sale- Super C Farmall fast hitch, like new, 269 NH baler with thrower, double 12" JD trailer plow. Lancaster Co. 717-354-8326

Wanted- Automatic hot water coal stoker furnace for house. Ervin Nolt, East Earl, PA 717-354-7267

Wanted- 2-10 acres woodland to build log house in Northern Lancaster or Southern Lebanon Co. 717-626-2226 or 665-7265 after 5

For Sale- 1972 Chevy Nova, PS, 4 door, automatic, 84,000 miles, good condition. Lancaster Co 717-285-5526

For Sale- Calf stalls with feed box and hay rack, will deliver, 66 VW fast back with #2 inspection, Lancaster Co 215-286-5088

For Sale- 1955 Ford ½ ton pickup truck, restored and repainted, excellent condition, Cumberland Co. 717-776-5735

For Rent- Small farm, barn and buildings, no house, move your mobile home on and farm organic Paul Yerger, Auburn, PA 17922.

For Sale- Timothy hay, made early, excellent dry cow feed. JCY Farms, Franklin Co 717-328-3530 or 717-597-3770.

For Sale- JD 34 harvester, Oliver 2 bottom cushion trip 3 pt hookup, 8 elevator lever stanchions Lancaster Co 717-354-9995.

For Sale- JD 730 D WFE 3 pt. 600 hrs, on complete overhaul, 25 hrs on trans, new fan, radiator, etc Adams Co. 717-259-9448

For Sale- Antique Ann Arbor baler model-Columbia, best offer Lebanon Co 717-838-1434

For Sale- Large Kalamazoo cook stove, turquoise and cream $300, 1967 Black Ford station wagon, Lancaster Co 717-284-4342

For Sale- Good clover, timothy and alfalfa hay. 717-872-5554

For Sale- Holstein heifer calf from grade cow with 1000 lb fat, sired by 9H599 Spirit, Lebanon Co. 717-949-3439.

Wanted- Full time hired man to work on steer farm, must be experienced. Lancaster Co 717-733-4516

For Sale- Timothy hay and straw $1.30 bale, cash at tha barn. Lancaster Co 717-569-1105.

Wanted- Good young family cow. Lancaster Co. 717-656-9565

Wanted to Rent- Small farm with option to buy or land contract. Bill Mullan, Rd 2, Box 580, Manheim, PA 717-665-6325.

For Sale- Rebuilt F12 Farmall, gasket sets for McCormick & Farmall tractors, 2 sets rear steel for 10-20 IHC old gas engines. Ben J. Kinsinger, Myersdale, PA, Somerset Co.

For Sale- Cornlage 200 tons stored in Harvestore, Oatslage and haylage, 150 tons 717-597-8360.

For Sale- 1972 Arctic Cat Puma $675, 1972 Cheetah $750, 1974 Lynx $800, 1978 Jag $1350. Lackawanna Co 717-563-2257

For Sale- ¾ deep well pump $20, Antique cultivitor $30, Toaster ovens $12 and $7, 215-489-6164 Limerick PA.

MAILBOX MARKET

For Sale- 3 open Holstein grade heifers and 1 bred heifer, Adams Co. 717-528-8268

Wanted- Farmall 504 tractor cor parts, smooth haired Fox Terrier, male pup James F Murphy, Rd 2, Mt Holly, NJ 609-267-2764

For Sale- 10 ft & 12 ft JD lime spreader on rubber $100 each, 1000 chick elec brooder $200, A Miguelez, 220 Neshaminy St , Penndel, PA Bucks Co

For Sale- Oil heater with a lot of ducts Eli L Miller, Rd 1, Mill Hall, PA, Clinton Co

For Sale- 14 ft. Oliver 252 wheel carrier tandem disc harrow, fold down wings to 21 ft , exc. condition, $1500, mixed hay, mostly alfalfa $64 ton at farm 717-529-2035

For Sale- 49 Chevy pickup ¾ ton Lancaster Co 717-733-6319

For Sale- Heavy duty JD 1630 disc, Lancaster Co. 215-445-4863

For Sale- Vinyl wood grain garage door 7x8, glass louvre storm door, 32 in , 10 white sliding storm windows 29x36, York Co. 717-252-2431

Wanted- 30 stall cocks and electric or 12 volt timer for Surge magnetic pulsators, state price Amos King, 879 Eshleman Mill Rd , Lancaster, PA 17602

Rare antique car, 1929 Viking Sedan, running when garaged 26 years ago, information /offer, Ssae J Mearkle, Rd 2, Box 230, Clearville, PA 15535.

For Sale- Maternal robot milk machine for calf, $250 215-286-9197

Truck scale 40 ton, 3 bottom 14 pull type plow, 2 row JD cultivator for A60, NI hay crimper 215-262-2659

For Sale- 56 acre dairy or beef farm with or without cattle and machinery, corn, oats, hay & 500 ton silage, Columbia Co 717-672-2647.

For Sale- Poultry nest, range shelters, spreader and Ford plow 717-865-4773 Lebanon Co.

For Sale- June cut first cutting alfalfa and timothy mixed hay, made with NH stack wagon, Bradford Co 717-364-5405

For Sale- 14 ft. Clay silo unloader, good condition, John H. Alloway, Rt. 206, Columbus, NJ 609-298-3621

Wanted- Shingle mill any condition, Write, Randy Eisensmith, Rd 1, Mt. Wolf, PA

For Sale- Fox chopper base unit $100, hay pickup for Fox $175, 1 row corn head $50, direct grass head $50, Franklin Co 717-264-3157

For Sale- Small all steel portable sawmill, Henry K. Beiler, Box 147, Rebersburg, PA 16872

For Sale- 4 nice Yorkshire pigs, 8 weeks, 40 lb each, $40 each, Robert A Bair, Rd 2, Wrightsville, PA 717-252-2092.

For Sale- New & used building material, doors, windows, trim, stool, garage doors, bath tubs, etc. Bucks Co. 215-822-2288.

For Sale- Westinghouse house 22 c ft. side by side refrigerator/freezer, Avocado green, a beauty $175, Montgomery Co 215-754-6045.

For Sale- Hand hewn logs and beams, Robert Henly, Rd 1, Reinholds, PA 215-267-7015.

For Sale- Hesston PT10 $1000, Co op 10 ft fertilizer spreader, 2 row fast hitch corn planter, V4 Wisc motor, Bucks Co 215-346-7709

MAILBOX MARKET

Wanted- Reese hitch for 76 Mercury Marquis and/or 78 Ford pickup, wheel covers for 68 Mercury Montclair, Franklin Co 717-532-6857

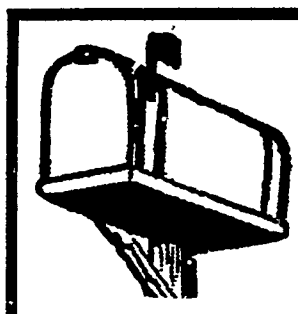
For Sale- English Shepherd puppies, 7 weeks old, $15 each, both parents working cow dogs, H E Fetrow & Sons, Rd 4, York, PA 717-266-2160 or 266-1597

For Sale- Simmental- Hereford bull, 5 yrs old, Galant son with lots of size and elevation, sires excellent, modern-type calves, 717-289-4566 Susquehanna Co.

For Sale - Kohler generator propane gas powered. 15 hp , 5000 KW with automatic transfer switch with 10 emergency lights. 215-287-8046

For Sale- 6 ft rotary mower $325, portable livestock scale $1375, York Co 717-266-2867.

For Sale- 500 gal. milk tank available about Jan. 1, 1979, Super 77 NH baler, PTO, good for parts $100, 475 NH manure spreader Elizabethtown 717-367-7190.



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules:

Limit your advertisement to 20 words; each ad must be accompanied by your Lancaster Farming Mailing Label. Also area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience; all advertisements must be in our hands by Tuesday at 5:00 P.M. or same will be held over for next week's paper; no business advertisements accepted.

Lancaster Farming Subscription Service

CHANGE OF ADDRESS?

Please give us 2 weeks advance notice. Attach the label from your old address, write in your new address below.

Entering a NEW Subscription?

Check the proper box and fill in your name and address. Attach your check ($6.00 per year or $10.00 for two years in PA, MD, DE, NJ, NY, VA and WV. All other areas - $8.00 per year, $15.00 for two years.) Payment must accompany order. Form is to be used for new subscriptions or change of address only.

When writing us about your subscription please attach your Lancaster Farming mailing label here and mail the whole form to:

LANCASTER FARMING,
P.O. 366, Lititz, Pa. 17543

PLEASE SEND LANCASTER FARMING:

(Check one)

☐ $6.00 - 1 YEAR ☐ $10.00 - 2 YEARS
☐ $8.00 - 1 YEAR ☐ $15.00 - 2 YEARS

☐ NEW SUBSCRIPTION
☐ CHANGE OF ADDRESS

ENCLOSED IS A ☐ CHECK ☐ CASH ☐ MONEY ORDER

(Please supply information in full.)
(Please print)

NAME _____

ADDRESS _____ BOX _____

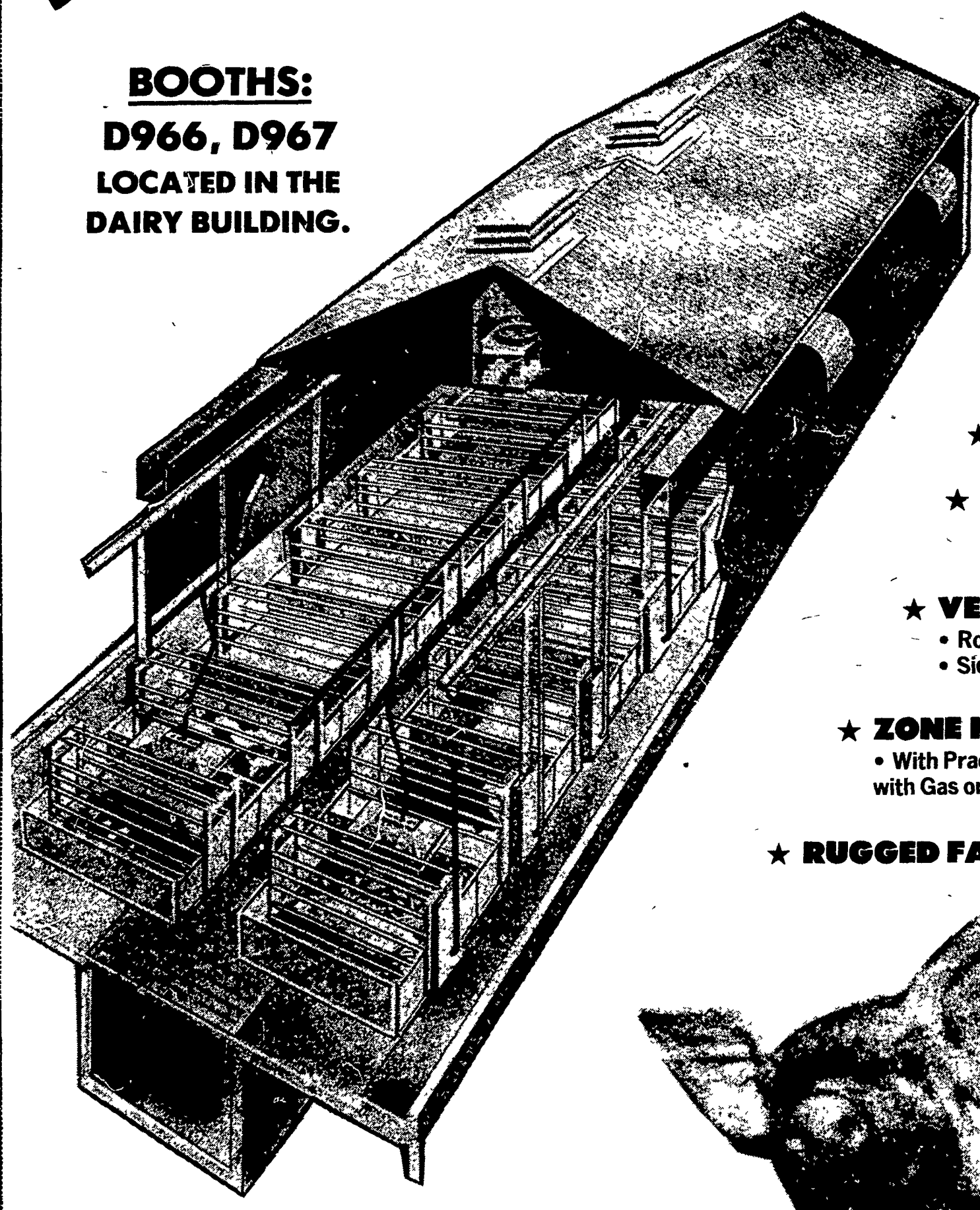
CITY _____ COUNTY _____

STATE _____ ZIP CODE _____

SEE US AT THE PA FARM SHOW

JANUARY 8-12, 1978

BOOTHS:
D966, D967
LOCATED IN THE DAIRY BUILDING.



ONE CRATE OR A TURNKEY SYSTEM

★ **FEED CONVEYING**

★ **FLEX CORE & FLEX SYSTEMS**

★ **VENTILATION**
- Roof Exhaust • Dual Duct
- Sidewall

★ **ZONE HEATING**
- With Practical & Economical Heating with Gas or Electric Brooders

★ **RUGGED FARROWING CRATES**

START OFF ... RIGHT IN A THOMAS SYSTEM!

THOMAS FARM SYSTEMS INC.
57 West Main St., Leola, PA. 17540

JIM THOMAS
Phone (717) 656-2677

NORTHCO SYSTEMS
PRODUCTS OF A. R. WOOD MANUFACTURING COMPANY

For more information complete this coupon and return to:
THOMAS FARM SYSTEMS, INC. 57 W. Main St., Leola, Pa. 17540

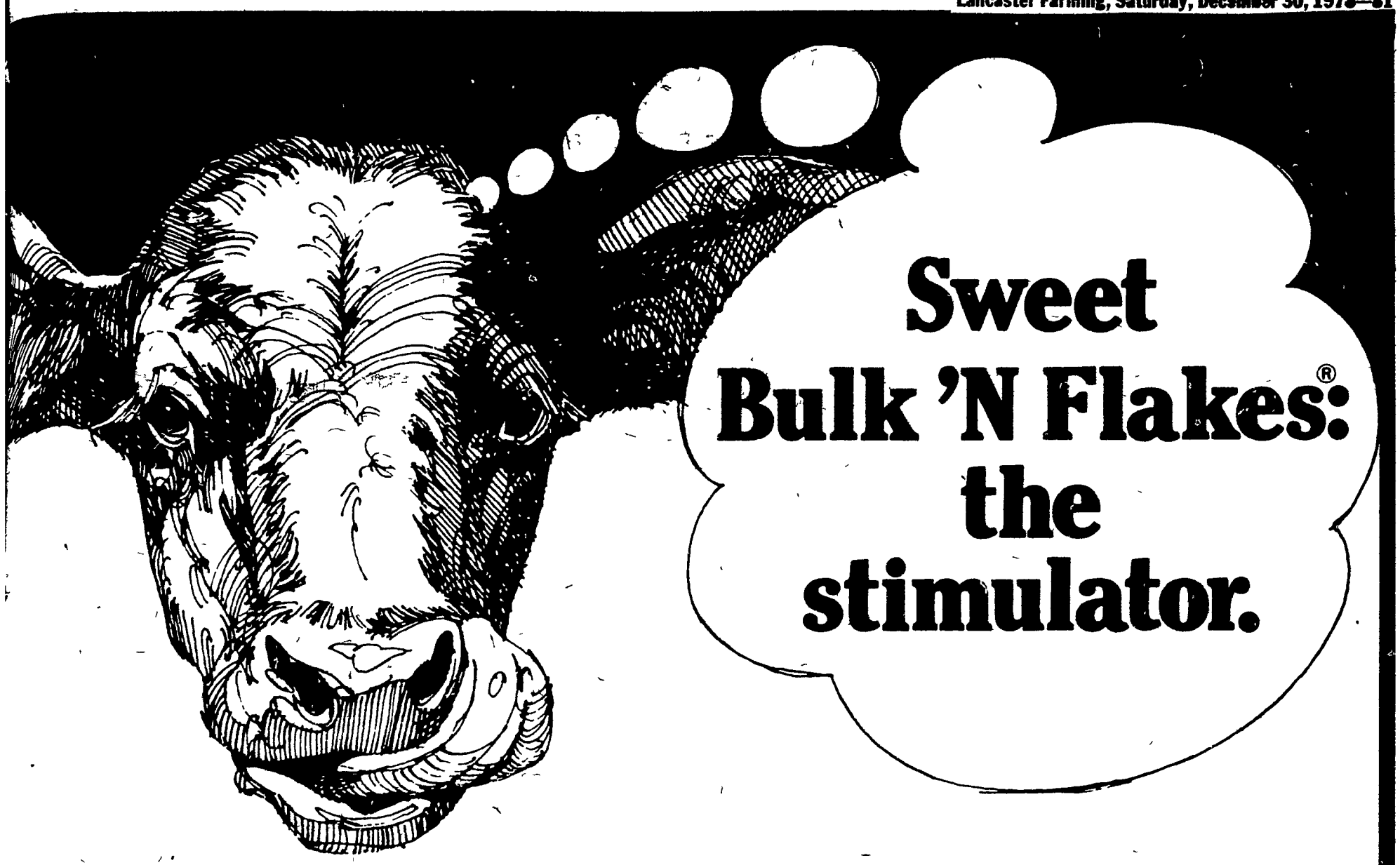
Name _____

Address _____

City _____

Phone _____

H-12



There's much more to Sweet Bulk 'N Flakes than flavor. While improving palatability of your dairy feeds, Sweet Bulk 'N Flakes also stimulates the digestive system, adds energy and helps keep calves on feed. The coarse flakes hold high moisture roughage in the rumen for more thorough digestion. Use Sweet Bulk 'N Flakes to increase consumption of less palatable silage or any feedstuff. An excellent feed stimulator for calves, heifers and mature cows.

See us today for Sweet Bulk 'N Flakes.

MasterMix CENTRAL SOYA

More to Gain.™

PINOLA FEED & SUPPLY INC.
Shippensburg, PA
(717) 532-5418

MAUGANSVILLE ELEVATOR & LUMBER CO.
Maugansville, MD
(301) 739-4220

SPANGLER & SPRENKLE INC.
York, PA
(717) 843-8889

SERVICE FEED & SUPPLY CO.
Cardiff, Maryland
(301) 452-8444
(717) 456-7433

E. H. KEEN & SON, INC.
Atglen, PA 19310
(215) 593-5115
Toll = Call Collect

HOLLINGER FARM & HOME SUPPLY
Lititz, PA
(717) 626-2330

GRUBB SUPPLY CO.
Elizabethtown, PA
(717) 367-1525

ROSS H. ROHRER & SONS, INC.
Quarryville, PA
(717) 786-3372

BEN KREIDER FEED SERVICE
Paradise, PA
(717) 687-6292

MIFFLINBURG FARMERS EXCHANGE
Mifflinburg, PA
(717) 966-1001

LEROY M. SENSENIG INC.
Ephrata, PA
(717) 733-8668

STEWARTSTOWN MILLING
Stewartstown, PA
(717) 993-2055

VAN-MAR FEEDS, INC.
West on Miller St.
Shoemakersville, PA
(215) 926-2121 or (215) 926-1230

To our loyal friends
Both old and new
Our best wishes
For a HAPPY NEW YEAR!

Lancaster County DHIA Monthly Report

NOVEMBER 1978

A registered Holstein cow owned by Robert L. Gruber, Mt. Joy R2, completed the highest 305 day lactation. She produced 25,104 pounds of milk, 1046 pounds of butterfat with a 4.2 per cent test. Second high lactation was completed by a registered Holstein cow owned by Paul D. Welk, Peach Bottom R1. She produced 18,771 pounds of milk, 966 pounds of butterfat with a 5.1 per cent test.

The herd of Tritown Farm, Leola, had the highest monthly butterfat average. This herd of 32.5 registered Holstein cows averaged 61.6 pounds of milk, 2.17 pounds of butterfat with a 3.5 per cent test. The herd of Curtis E. Akers, Quarryville R1, placed second. This herd of 57.5 registered Holstein cows averaged 53.4 pounds of milk, 2.06 pounds of butterfat with a 3.9 per cent test.

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Robert L. Gruber						
63 Dane	RH	4-10	305	25,104	4.2	1046
17 Cleo	RH	5-7	305	18,085	4.0	717
43 Elle	RH	2-11	305	18,642	3.8	702
Paul D. Welk						
Pauline	RH	5-1	305	18,771	5.1	966
Hermion	RH	7-3	305	22,115	3.6	805
Donna	RH	8-3	292	22,963	3.3	765
Moses L. Lapp						
Ester	RH	5-0	305	23,318	4.1	962
Susan	RH	3-3	305	21,957	4.1	893
Fancy	RH	4-6	305	19,554	3.8	740
Graywood Farms						
20	GrH	7-1	305	19,509	4.9	961
324	GrH	6-1	305	20,735	4.2	869
191	GrH	4-6	305	21,695	3.9	847
131	GrH	6-0	305	19,700	4.2	820
74	GrH	9-2	305	19,711	3.9	767
198	GrH	4-4	305	18,066	4.1	733
197	GrH	4-5	305	18,734	3.8	721
283	GrH	5-5	305	19,927	3.6	711
John M. Weaver & Son						
84	GrH	4-5	305	22,880	4.1	948
86	GrH	8-3	305	23,395	3.8	893
32	GrH	11-1	305	18,159	4.3	781
Nelson E. Martin						
Dawn	RH	6-0	305	22,811	4.1	945
Doris	RH	9-1	305	21,349	3.6	777
Esther	RH	4-1	305	21,187	3.5	736
Patsy	RH	4-1	296	19,544	3.7	722
Hiram S. Aungst						
Miricle	RH	7-0	305	26,905	3.5	943
Vicky	RH	5-11	305	21,869	3.8	837
Pebbles	RH	3-5	305	20,037	4.0	805
J. Mowery Frey, Jr.						
Princes	RH	4-6	305	21,882	4.3	932
Doreen	RH	8-4	305	20,761	4.5	926
Bonnie	RH	6-2	305	18,808	4.2	791
Dottie	RH	11-0	305	16,340	4.8	788
Neff Brothers						
Gracie	RH	3-2	305	20,818	4.5	932
Rachel	GrH	6-4	305	21,641	3.5	762
James L. High						
Rodes	RH	8-1	305	24,349	3.8	927
Boots	RH	5-2	305	21,005	3.8	799
Jacob S. Dienner						
Patches	RH	5-5	305	25,319	3.6	919
Melvin R. Eby						
Tidy	RH	3-9	305	26,153	3.5	912
Calvin D. Beiler						
Dobie	RH	3-4	305	22,725	4.0	910
Prom	RH	4-10	305	19,618	3.8	747
John S. Beiler						
Mimi	RH	4-3	305	21,254	4.3	906
Minnie	H	0-0	305	22,073	3.8	843
Albert E. Fry						
Irese	RH	6-1	304	21,137	4.3	899
John David Martin						
38	GrH	4-2	305	26,327	3.4	897
65	GrH	1--	305	21,287	4.0	846
Curtis E. Akers						
Shirley	RH	4-9	305	27,338	3.3	896
Tabitha	RH	4-1	305	23,306	3.5	816
Dixie	RH	3-4	305	19,813	4.1	805
Jane	RH	4-5	300	20,845	3.5	720
Aaron E. Allgyer						
Susie	GrH	4-4	305	23,019	3.9	896
Robert F. & Joan B. Book						
Crystal	RH	9-2	305	24,265	3.7	888
Dixie	RH	6-7	296	20,824	3.9	815
Roy C. Neff						
Gladys	RH	4-3	305	20,463	4.3	
Dorothy	RH	4-4	304	17,246	4.8	
Inky	RH	7-9	305	18,613	3.9	
Isaac S. Beiler						
Joan	GrH	5-2	305	19,767	4.3	
Sharon	RH	5-2	305	19,321	3.6	
John F. Stoltzfus						
Twin	RH	4-4	305	20,465	4.2	
Esther	GrH	3-6	305	18,069	3.9	
George Sensenig						
60	Mix	0-0	305	18,825	4.6	
17	RH	4-5	305	18,520	4.1	
24	RH	5-11	305	17,907	3.9	
18	RH	4-4	305	17,545	4.0	
Lenewood Farm						
Holly	RH	5-3	305	20.140	4.3	
Spot	RH	8-11	305	17,082	4 5	
Lilly	RH	7-1	305	20,296	3.7	
Marvin S. Nolt						
136	GrH	5-9	305	22,910	3.7	
John M. Harnish						
Gwyn	RH	5-9	305	20,531	4.1	
Gail	RH	3-5	305	22,439	3.4	
Posey	RH	7-2	305	17,320	4.3	
Howard S. Erb						
Annette	RH	5-1	293	19,838	4.2	
P. Sue	RH	3-9	305	20,282	4 1	
Fran	RH	1-11	305	19,423	3.7	

(Turn to Page 84)

NOTICE

FOR LOWER COST PER HOUR - RELY ON LISTER

THE PROVEN DIESEL

Lister Diesel
4 thru 155 h.p. at 1800 rpm
Most models on hand.

Amalie Motor Oil & Greases

Air Compressors

Refrigeration Compressors

1000 gal. Air Pressure Tank
250 lb. pressure approved

Steel Chain Saw

Custom Bilt Liman Katolight
PTO or Diesel drive alternators

Bodmin Nu-Pulse Milking System

Girton Milk Tank - 200-6000 gal.

Water Heaters - Milk House Supplies

Sales & Service

BYLER'S DIESEL REFRIGERATION

Star Route, Belleville, PA. 17004
For emergency service needed on diesel or milk cooling systems -
Call 717-483-6446
or 717-483-6714
or 717-483-6351

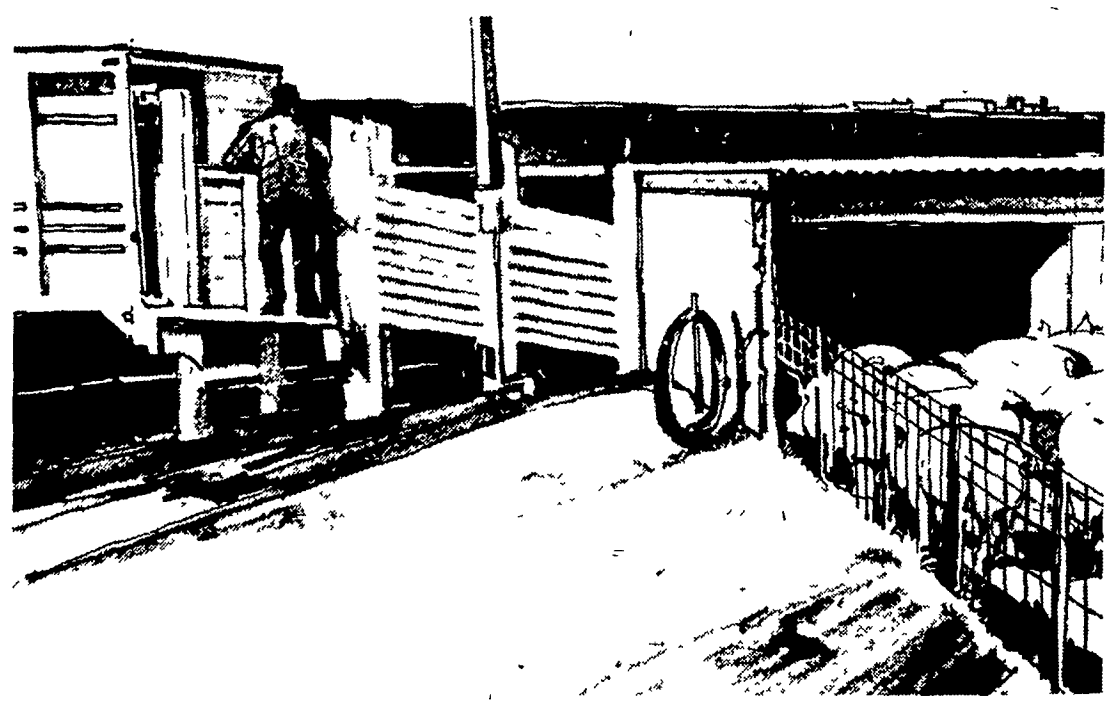
Why do some hogs just do better?

Every Tylan® user knows.

Tylan® users see the pay-off at market. Tylan helps produce good-doing hogs on less feed in less time. And hogs can be shipped without delay, because Tylan Premix has no withdrawal. More hog men feed Tylan in their finishing rations than any other antibiotic. It's smart business when you figure cost of gain. Ask us for finisher feeds with Tylan.

ELANCO
Tylan
tylosin

For finishing first



For More Information See
Your Feed Supplier Serviced By

NEW HOLLAND SUPPLY CO.

Start your new year with higher proven sires

(all production data is USDA July/78 summaries)

15H188 Penmar Apollo TOPPER—EX & GM

65 Daus. in 47 Herds Ave.	16,979M	3.7%	636F
Pred. Dif. (72% rpt.)	+859M	+$91	+38F
22 Classified Daus. Ave. 80.6;	+1.60 PDT		

15H180 Le-Del Ideal SUPERIOR—VG & GM

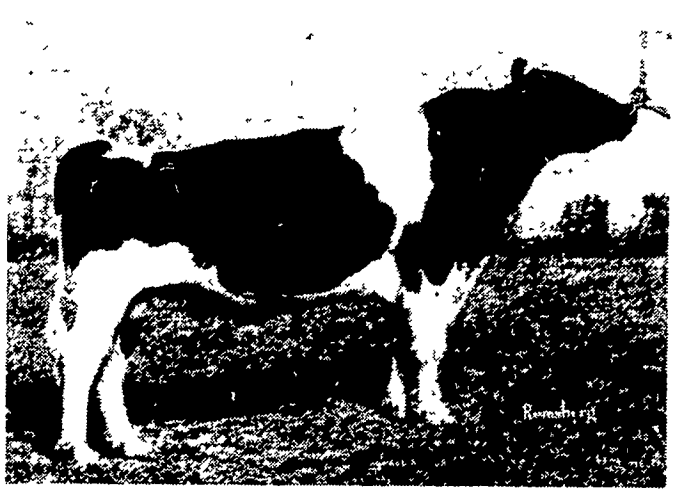
83 Daus in 62 Herds Ave	17,254M	3.5%	608F
Pred. Dif. (78% rpt.)	+1,794M	+$142	+38F
23 Classified Daus. Ave. 78.4;	+ 46 PDT		

15H175 Lawcrest MARVEX—EX & GM

131 Daus. in 95 Herds Ave.	17,296M	3.7%	641F
Pred. Dif. (85% rpt.)	+1,217M	+$121	+47F
53 Classified Daus. Ave. 80.2;	+1.60 PDT		

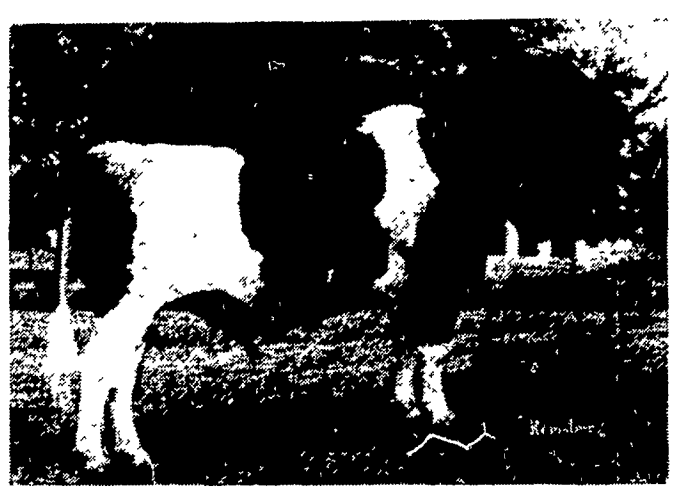
15H193 Thonyma ELEVATOR—EX & TQ

50 Daus in 41 Herds Ave	16,043M	3 6%	581F
Pred. Dif. (67% rpt)	+860M	+$74	+23F
10 Classified Daus. Ave. 77.5;	+.41 PDT		



15H157 Diamond-S Pietje STANDOUT—GP & PQ

141 Daus. in 99 Herds Ave.	16,661M	3 5%	584F
Pred Dif. (88% rpt.)	+1,264M	+$83	+12F
41 Classified Daus. Ave. 77.4,	−1 83 PDT		



15H120 Harrisburg GAY Ideal—EX & GM

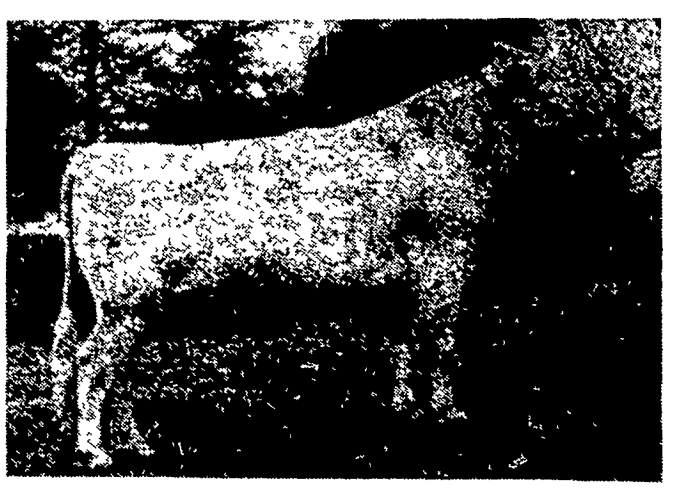
9,332 Daus. in 2,244 Herds Ave	17,179M	3 6%	618F
Pred Dif (99% rpt)	+1,179M	+$98	+29F
2,271 Classified Daus Ave. 79 2;	− 15 PDT		

15H250 Coldsprings Astro BOOTLEG—VG & PQ

21 Daus in 3 Herds Ave.	21,467M	3.1%	666F
Pred. Dif (31% rpt.)	+1,030M	+$60	+3F
19 Classified Daus. Ave 82.2;	+ 45 PDT		

15H123 Whittier-Farms Apollo ROCKET—GP & PQ

4,216 Daus. in 1,465 Herds Ave	17,850M	3 5%	625F
Pred Dif (99% rpt)	+2,052M	+$160	+41F
893 Classified Daus Ave 77.3,	−1 46 PDT		



15H143 Simpsons Burkgov SNOWMAN—EX & GM

209 Daus. in 140 Herds Ave	15,393M	3 6%	555F
Pred Dif. (92% rpt)	+973M	+$71	+15F
47 Classified Daus Ave. 79.0,	+.14 PDT		

— GUERNSEY —

3G145 Kellogg Minnies CHOICE

119 Daus. in 57 Herds Ave.	11,377M	4 5%	508F
Pred. Dif. (83% rpt.)	+1,216M	+$119	+46F
43 Classified Daus. Ave 76.4			

15G106 Edisto Farms FAVORITEs Bonus

67 Daus in 33 Herds Ave	11,156M	4 3%	481F
Pred Dif (76% rpt.)	+986M	+$82	+24F
25 Classified Daus Ave 76.5			

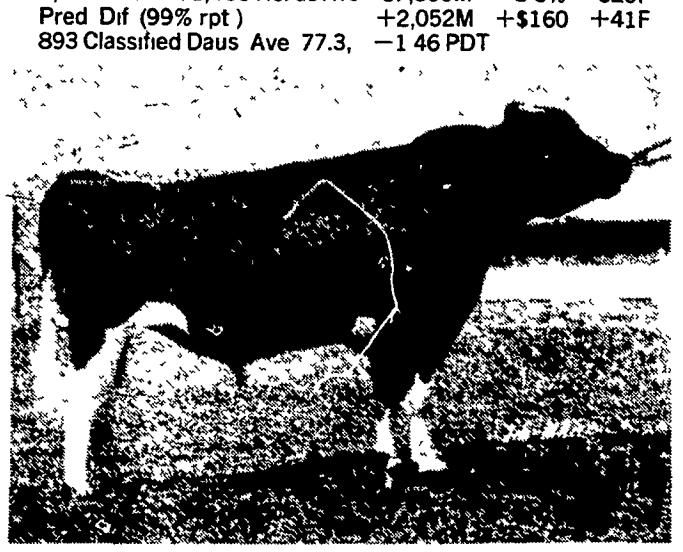
3G130 Welcome Flashs HOLLIREX

1,990 Daus. in 521 Herds Ave	11,003M	4 8%	524F
Pred Dif. (98% rpt.)	+859M	+$105	+51F
659 Classified Daus. Ave 75.1			

— BROWN SWISS —

1B59 Bridge View DISTINCTION—VG & Sup.

63 Daus in 11 Herds Ave.	14,432M	3 7%	530F
Pred. Dif. (59% rpt.)	+947M	+$85	+29F
28 Classified Daus. Ave. 84.1			



1H267 Keho ERIC—VG & GM

127 Daus in 72 Herds Ave.	15,993M	3.4%	545F
Pred Dif. (84% rpt)	+1,308M	+$98	+23F
45 Classified Daus. Ave 80 0,	+ 64 PDT		

— JERSEY —

1J194 Briarcliffs SOLDIER BOY

15 Daus in 4 Herds Ave.	13,240M	4 5%	594F
Pred Dif (32% rpt)	+1,482M	+$128	+41F
11 Classified Daus Ave 81 9			

1J137 Mills GLORY

21 Daus in 5 Herds Ave.	12,206M	4.5%	552F
Pred Dif (45% rpt)	+1,205M	+$104	+33F
14 Classified Daus Ave 83 3			

1J183 TRIStram GENerator

38 Daus in 7 Herds Ave	12,670M	4 8%	602F
Pred Dif (47% rpt.)	+1,055M	+$100	+37F
28 Classified Daus Ave. 84 4			

— AYRSHIRE —

3A73 Mar-Ral COMMANDER's Pride—VG & D.Ap.

1,323 Daus. in 375 Herds Ave	12,583M	3 8%	473F
Pred Dif (98% rpt)	+935M	+$68	+15F
384 Classified Daus Ave. 84 7			

These sires, and dozens more, are now available daily through our Professional Technician Service.

We are also the distributor in this area for Noba, LABC, Midwest Breeders, Eastern AIC, and Western Ontario Breeders in Canada.

DIRECT-HERD BREEDERS: check with us on semen availability and price before you place another order!

Atlantic LIVESTOCK SERVICES BREEDERS COOPERATIVE

Member — NAL Affiliated Breeders

24-Hour Toll-Free Phone Service:

Lancaster area 569-0411
throughout Pennsylvania 800-732-0391
Delaware & Maryland 800-233-0216

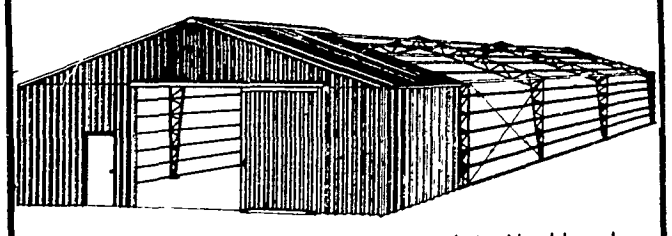
NATIONAL ASSOCIATION ANIMAL BREEDERS NAAB Know Your Semen Supplier

(Continued from Page 82)

Alvin M. Martin						
13	RH	6-11	305	21,263	3.9	839
John Z. Beiler						
Whitie	RH	8-2	305	22,794	3.7	838
Abraham S. King						
Blackie	RH	8-2	305	23,058	3.6	837
Aaron B. Lantz						
Lass	RH	5-4	305	22,394	3.7	835
Heather	RH	5-11	305	18,143	4.0	730
Wilmer G. Kraybill						
Missus	RH	10-5	305	21,700	3.8	833
Mia	RH	5-3	285	15,609	4.6	711
Lester M. Weaver						
57C	RH	7-1	305	19,760	4.2	831
29B	RH	7-0	305	18,641	4.3	804
78B	RH	4-6	305	18,768	4.1	778
23B	RH	5-0	305	16,401	4.5	742
John W. Martin, Jr.						
36	GrH	4-11	305	24,922	3.3	830
53	GrH	4-8	305	19,176	3.8	724
Ellis D. Kreider						
80	GrH	6-8	305	21,536	3.9	830
Clyde W. Martin						
Apricot	RH	6-0	305	19,765	4.2	828
Abram & John Barley						
404	RH	4-3	305	18,886	4.4	828
358	RH	8-0	305	19,924	4.0	805
Harvey W. Stoltzfus						
Gail	RH	4-8	305	18,174	4.6	827
Abram M. Stoltzfus						
Marge	RH	5-9	305	20,527	4.0	826
Samuel I. Esh						
Dixie	RH	5-2	305	17,598	4.7	824
Dina	RH	6-3	305	20,598	3.9	798
Pearl	RH	6-5	305	19,168	4.0	766
Cookie	RH	3-6	305	21,057	3.6	760
Diane	RH	3-1	305	18,190	4.0	732
Paul W. Zimmerman						
31	RH	5-2	305	20,534	4.0	823
73	GrH	5-0	305	23,074	3.1	704
38	GrH	4-5	305	18,699	3.7	701
Harold B. Good						
Robin	GrH	5-3	289	22,202	3.7	821
Beauty	GrH	3-1	305	25,351	3.0	771
Nathan E. Stoltzfus						
Rosene	RH	3-2	305	19,561	4.2	821
Joetta	RH	4-2	305	19,749	4.1	813
Kelly	RH	5-6	305	17,407	4.1	706
Kenneth E. Zurin						
92 Flo	RH	4-3	305	19,253	4.3	820
Ephraim D. Riehl, Jr.						
Petunia	RH	4-4	305	18,518	4.4	820
Paul H. Hursh						
59	GrH	6-5	305	20,497	4.0	818
45	GrH	3-3	305	18,907	3.9	729
Rohrer Brothers						
1	H	0-0	305	19,945	4.1	819
Viola	RH	5-10	305	19,255	4.2	804
Sally	GrH	4-9	305	20,619	3.7	760
Vera	RH	7-6	305	20,709	3.5	735
Holly	GrH	5-6	305	17,151	4.3	731
Earl S. Weaver						
Jo Jo	RH	6-5	302	25,739	3.2	816
Alicia	RH	3-2	289	18,720	3.9	737
Don Ranck						
68 Mini	RH	7-4	305	22,026	3.7	816
81 Goti	RH	7-1	305	18,352	4.3	790
123 Gale	RH	3-6	305	18,963	3.7	701
Marvin Reiff						
30 Ruby	RH	5-4	305	20,878	3.9	816
Robert D. Harnish						
Lass 33	RH	9-1	305	18,979	4.3	816
J.B. Ranck & A.R. Martin						
D. Star	RA	4-5	305	18,813	4.3	816
Or Rose	GrA	8-11	305	17,163	4.2	726
Sellie	RA	7-7	305	17,203	4.1	706
D Flo	RA	4-6	305	15,775	4.5	706
S. Fairy	RA	6-8	297	16,128	4.3	700
Amos F. King Jr.						
Elsie	RH	5-8	305	22,266	3.6	811
Sunny Craft Farm						
Rhoda	RH	10-7	305	21,392	3.8	811
Rachel	RH	3-6	305	21,427	3.7	790
Gerald Martin						
Sheba	RH	7-5	305	21,487	3.8	809
R. Edwin Harnish						
Pricilia	RH	6-9	305	21,097	3.8	807
37	GrH	2-1	305	14,678	4.9	717
David L. Landis						
Blackie	GrH	8-1	305	20,584	3.9	806
John Omar Stoltzfus						
Jane	RH	4-8	305	20.999	3.8	802
Bell	GrH	4-11	305	19,358	3.7	710
Cedar Fringed Farm						
Porcia	RG	7-2	305	15,033	5.3	799
Tom Zartman						
4	GrH	9-2	305	22,092	3.6	792
173	RH	3-8	305	18,449	4.0	745
171	RH	5-2	305	17,397	4.3	740
Richard W. Barge						
AWT9865	GrH	6-0	305	17,367	4.6	792
BBC6637	GrH	4-2	305	19,138	3.9	749
J. Mowery Frey Farm 2						
Dottie	RH	11-0	305	16,412	4.8	792
Vernon R. Umble & Son						
Lolita	RH	8-9	305	19,916	4.0	790
Donald R. Bare						
49	RH	5-2	276	18,691	4.2	790
Gordon L. Sangrey						
Dolly	RH	10-8	305	21,937	3.6	789
Rockete	PH	6-1	305	16,805	4.4	738
Henry S. DeLong						
42	RH	4-0	305	20,587	3.8	788
23	GrH	5-10	305	15,603	4.5	705
Gusty Crest Farm						
Zinnie	GrH	6-0	305	18,468	4.3	787
Happy	GrH	4-3	305	20,789	3.7	779
Joy	RH	2-11	305	16,618	4.5	740
Harold L. Weiler						
Star	RH	6-4	305	17,408	4.5	787
Betty	RH	5-4	290	17,210	4.2	716
Samuel W. Martin						
22	GrH	5-5	305	24,853	3.2	786
46	GrH	4-6	305	19,595	3.8	744
4	RH	3-7	305	18,786	3.7	701
Kenneth G. Groff						
Sadie	GrH	7-3	305	17,990	4.4	786
Nelson B. Weaver						
65	GrH	5-8	305	17,966	4.4	785
Joseph W. Best						
78	GrH	8-6	305	21,572	3.6	783
James W. Bowman						
Betty	GrH	5-1	305	19,322	4.1	783
John L. Beiler						
Sal	RH	4-1	305	22,604	3.5	782
Lill	GrH	4-0	305	21,637	3.3	724
Aaron S. Glick & Sons						
6	RH	7-3	305	21,675	3.6	781
38	GrH	4-1	305	19,030	3.8	715
100	GrH	2-10	305	17,444	4.0	706
Quarryville Presbyterian Home & David Weaver						
218	GrH	5-0	305	19,001	4.1	780

(Turn to Page 85)

This new farm building costs 40% less!



Yes, it costs 40% less than conventional steel buildings!

- It comes in a complete package . steel columns and trusses, wood purlins and girts
- You get unobstructed floor space no poles
- You put it up yourself the average building takes two men only two weeks or less to construct

It'll be worth your while to get the complete story about this AGRICONOMY building

PARTY CONSTRUCTION CO. INC.
1218 Steuben St. • Utica, NY 13501
Phone 315-724-5593

Or Write:
P.O. Box 366L-55
c/o Lancaster Farming
Lititz, PA 17543

NOW!

EARLY PURCHASE PERIOD
AND
WINTER APPLICATION

Corn Starter Fertilizer -
Prem. Grades - with Mg.S.
Other minor elements added on request
December Prices

Pre-Payment incentives
Your money works all winter
Dec. payment earns the most
You take delivery in season

Pesticides: Anything for corn.
Early prices avail.

Limestone: Field spread.

Apply: Ammonia & P & K this winter.

OPEN MON. THRU FRI 7:30 to 4:30 - SAT. TILL NOON

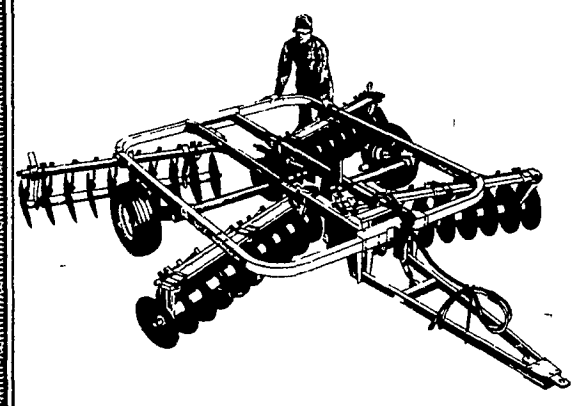
BULK BLENDS
MASTER FARMER
ANHYDROUS AMMONIA

ORGANIC PLANT FOOD CO.

2313 NORMAN ROAD, LANCASTER, PA.
PHONE: 717-397-5152

JOHN DEERE COMPANY

GET OUR DOLLAR-SAVING DEAL ON A DISK OR CHISEL PLOW BEFORE JAN. 31...



PLUS $75 TO $900 MORE IN JOHN DEERE DOLLAR PURCHASING POWER

We'll give you our best deal, top trade-in value and more if you'll order any John Deere Disk or Chisel Plow listed below before the end of January. Your added bonus is from $75 to $900 in John Deere money you can exchange for goods or services at our store Don't miss this valuable offer... stop in soon and ask about this program

BUYER BONUS IN JOHN DEERE DOLLARS FOR ORDERS SIGNED THROUGH

EQUIPMENT	JAN. 31, 1979
DISKS:	
100 Integral	$75
110 and 111	$125
210	$200
310, 340, and 1630	$275
220, 230, 350, 440 and 1640	$350
330, 331, and 360	$500
370	$900
CHISEL PLOWS:	
1608M Integral, 1608R Drawn Rigid, 1610 Integral Rigid, 1610 Drawn Rigid (11-foot), 1611R Drawn Rigid	$100
1620 Drawn Flexible, 1623 Drawn Flexible (23- to 27-foot)	$200
1610 Drawn Flexible (23-foot), 1610 Drawn Rigid Folding (19-foot), 1623 Drawn Flexible (29- to 41-foot)	$300
1610 Drawn Flexible (29- to 37-foot)	$400
1650 Folding	$900

This offer is subject to equipment availability

ADAMSTOWN EQUIPMENT, INC.
Mohnton, PA
215-484-4391

SMITH'S IMPLEMENTS, INC.
Mercersburg, PA
717-328-2244

LANDIS BROS., INC.
Lancaster, PA
717-291-1046

JOHNSON BROS.
Kresgeville, PA
215-681-4766

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

(Continued from Page 84)

Aaron K. Stoltzfus						
Betty	RH	7-0	305	18,619	4.2	779
Misty	RH	4-0	305	18,667	4.0	739
Star	RH	9-2	305	17,722	4.0	702
Daniel S. Esh Jr.						
Dixie	RH	6-3	305	20,330	3.8	777
Carl G. Troop						
Jenes	RH	8-4	305	21,233	3.7	776
Noah Kreider & Sons						
296	GrH	7-2	305	17,151	4.5	776
370	GrH	6-1	305	15,778	4.4	702
Carl L. Martin						
Lucia	RH	8-2	305	19,922	3.9	775
G. & J. Hershey Bros.						
Audrey	GrH	4-10	305	20,129	3.8	769
Abner K. Esh						
Penny	RH	6-4	305	25,077	3.1	767
Long Acres Farm						
87	H	0-0	305	18,913	4.1	767
Ivan M. Hursh						
Nellie	GrH	4-2	296	18,344	4.2	767
Audrey	RH	7-8	305	19,540	3.7	731
Daniel M. Stoltzfus						
Beth	GrH	3-3	305	16,682	4.6	764
Donald L. Hershey						
40 Sonya	RH	3-9	305	20,874	3.6	761
Aaron E. Beiler						
Nan	RH	11-3	305	17,045	4.5	759
Emanuel S. Smucker						
Ellen	RH	2-1	305	19,767	3.8	758
Ellis R. Denlinger						
Audie	RH	4-5	305	19,652	3.9	757
Moses N. Good						
Sally	GrH	4-2	305	25,998	2.9	756
Aagie	RH	6-0	305	21,352	3.5	754
John U. Glick						
Prince	RH	6-7	305	14,794	4.1	756
Tom & John Harnish						
Lady	RH	4-3	305	23,246	3.2	755
John F. Petersheim						
49	RH	5-11	296	18,612	4.1	754
Melvin L. Shertzer						
Judy	RH	3-8	305	19,823	3.8	753
Springarden Farm						
Mary	RH	3-1	305	19,525	3.9	753
Jay E. Landis						
Brenda	RH	6-5	305	22,547	3.3	751
Paul S. Horning						
Delight	RH	4-4	305	21,128	3.6	751
Weaver & Burkholder						
28	GrH	5-1	305	19,173	3.9	751
Samuel L. Esh						
Lucifer	RH	5-4	301	17,972	4.2	751
J. Harold Musser & Son						
5 Hope	RH	5-2	305	21,770	3.4	749
Ken & Nelson Stoner						
19	GrH	5-0	305	19,284	3.9	748
67	GrH	5-7	305	17,257	4.1	716
Andrew G. Miller						
Daisy	RH	3-1	305	19,164	3.9	748
Francis	RH	5-4	282	19,447	3.6	705
John K. Peters						
Pearl	GrH	4-2	295	19,126	3.9	748
Pauline	RH	5-0	305	18,837	3.8	712
Samuel M. Martin Jr.						
Sheila	GrH	7-5	305	19,302	3.9	747
Mandy	GrH	4-4	305	19,951	3.6	727
Parke H. Ranck						
Marian	RH	4-6	305	17,482	4.3	747
Pamela	RH	4-1	305	16,305	4.5	738
J. Robert Kindig						
Helen	RH	7-5	305	15,654	4.8	747
Dan S. Stoltzfus						
Deb 38	RH	3-3	305	21,188	3.5	745
Marblio	RH	3-3	290	19,392	3.7	711
Martin Weaver Jr.						
Twila	RH	6-6	296	19,510	3.8	744
J. Ray Ranck						
Stacy 2	GrH	4-5	305	19,301	3.9	744
Rachel	GrH	6-3	305	18,289	4.0	742
D. Lamar Witmer						
Cranber	RH	6-11	305	18,356	4.0	742
Jonas E. Zook						
Kennedy	RH	8-2	305	18,849	3.9	739
Gelen W. Crouse						
Sherry	RH	3-6	305	20,156	3.7	738
Nadine	RH	3-3	305	15,057	4.8	725
Gwen	RH	6-2	305	21,935	3.2	707
Earl E. Martin						
Daisy	RH	5-2	305	16,646	4.4	734
John K. Stoltzfus						
Jane	RH	10-4	305	18,997	3.9	733
Joseph DeLong						
20 E	GrH	6-2	292	18,114	4.0	733
Reuben L. Stoltzfus						
Babby	GrH	5-4	301	19,511	3.8	732
Emanuel S. Fisher						
Star	RH	5-9	305	17,901	4.1	732
Abraham Shelly Jr.						
Bessy	RH	3-3	305	20,544	3.5	729
Martin N. Heisey						
Nibbles	RH	4-2	305	20,504	3.6	728
David S. Zimmerman						
107	GrH	4-5	305	18,520	3.9	728
118	GrH	3-5	305	17,734	4.0	712
Samuel E. Beiler						
Honey	RH	9-1	305	18,140	4.0	728

(Turn to Page 86)

INVENTORY REDUCTION SALE

NEW & USED EQUIPMENT

MUST GO!

USED MILKING EQUIPMENT

Kesco dumping station w/auto. washer
Zero 200 vacuum pump
(2) DeLaval pipelines, complete, 1½" (1 SOLD)
(4) Kesco dumping stations
(2) Surge 30 vacuum pumps
(2) DeLaval 50 vacuum pumps

Auto. Kesco w/washer
(2) Surge 1½" line Around-the-Barn pipeline (1 SOLD)
Surge 6 side-opening parlor
2" Bou-Matic SOLD ıe system
Several 25 to 35 CFM Vac. Suppliers

USED LIQUID MANURE EQUIPMENT

Husky 12' pumps
Husky 1875 gal. Spreader
Husky 1250 gal. Spreade SOLD
(2) Slurry Gun pumps
Ram Pump, like new
Husky 3160 Spreader

COMPLETE PLANNING, INSTALLATION & SERVICE

YOUR EASTERN DISTRIBUTORS FOR BETTER-BILT LIQUID MANURE EQUIPMENT

BETTER-BILT VACUUM & AUGERMATIC SPREADERS

READY TO GO

1500 GAL.
2100 GAL.
2600 GAL.
3150 GAL.

"PRICES" JUST WHAT YOU'RE LOOKING FOR

★ LAGOON PUMPS ★ ★ HIGH PRESSURE PUMPS ★

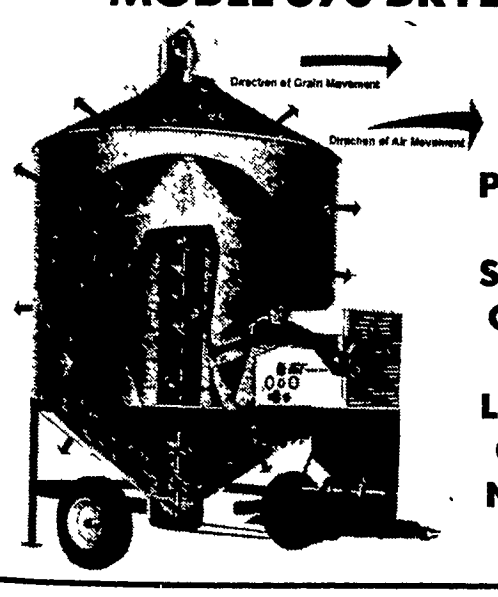
LOOK

WHAT BOU-MATIC HAS TO OFFER FOR THE DAIRYMAN:

- Around-the-Barn Pipeline Systems
- Automated Herringbones
- Automated Polygons
- Crowding Gates
- Stimulations Stalls
- Milkers
- Automatic Detachers
- Vacuum Pumps
- Bulk Tanks
- Pipeline Washers
- Pre-Coolers
- Automated Side Opening Stalls
- Plate Cooler
- Tube Cooler

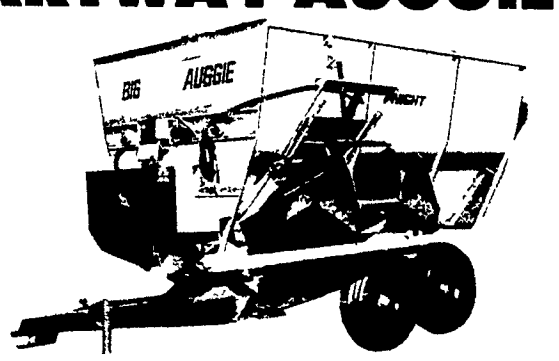
FULL LINE OF DAIRY DETERGENTS & WASHING DETERGENTS

GT TOX-O-WIK
MODEL 370 DRYER



PRICED TO SELL ... ONLY ONE LEFT ... CALL NOW!

SILAGE MIXING WAGONS
ARTWAY AUGGIE



A GOOD BUY ► **LITTLE AUGGIE 9** 170 cu. ft. cap., In Stock

ALSO AVAILABLE
★ BIG AUGGIE 12 - 280 CU. FT. CAP.
★ BIG AUGGIE 14 - 320 CU. FT. CAP.
TRUCK MOUNT AVAILABLE

• PLANNING LAYOUTS • SALES • INSTALLATION • SERVICE

SHENK'S FARM SERVICE

PAYMENT PLAN AVAILABLE

501 E. WOODS DRIVE LITITZ, PA. 17543 PHONE: 717-626-1151
Bulk Tanks & Therma•Stor — After 5 P.M. — Call Titus Burkholder - 717-859-1620
After Business Hours - Phone: Curtis Cassady 717-626-1065. Paul Repine - 717-626-2837 or Mervin Nissley - 717-872-4565.
OUR SERVICE TRUCKS ARE RADIO DISPATCHED 24 HR. SERVICE OFFERED

FRESH COWS **EVERY WEDNESDAY IS** SPRINGERS

DAIRY DAY

AT NEW HOLLAND SALES STABLES, INC.
New Holland, PA
Special Consignments for our Dairy Sale
WEDNESDAY, DECEMBER 20

Complete Herd of 39 Holstein Dairy Cows in all stages of production. 11 first calf heifers, fresh, consigned by Paul Lebo.

20 Springing Holstein Heifers consigned by D.L. Stoltzfus.

12 big Springing Holstein Heifers from Washington County, Maryland consigned by Braden King.

1 load Purebred and Holstein Cows consigned by H.D. Matz.

SALE STARTS - 12:00 SHARP

For arrangements for special sales or herd dispersals at our barn or on your farm, contact:
Abram Diffenbach, Mgr.
717-354-4341
OR
Norman Kolb
717-397-5538

HEIFERS BULLS

(Continued from Page 85)

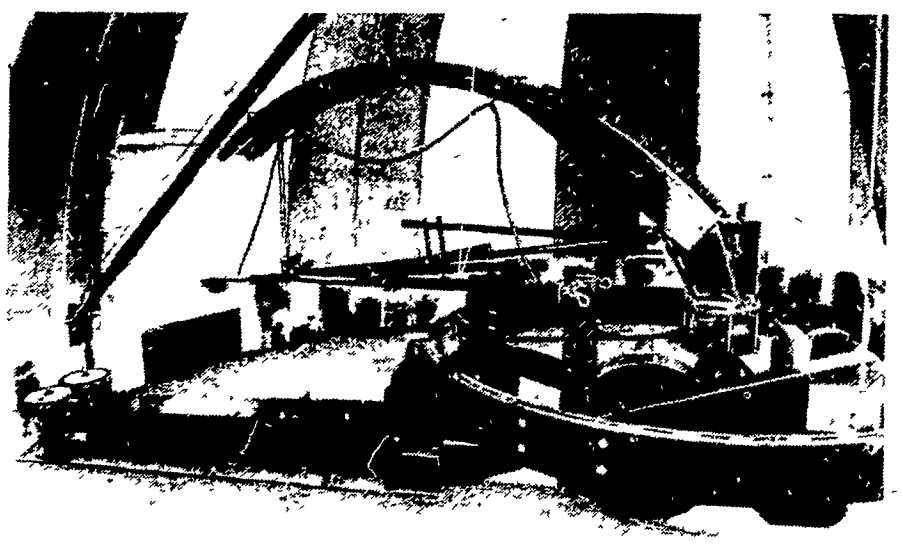
Ken & Joanne Hershey						
Alma	GrH	7-7	288	21,722	3.3	727
Tina	RH	3-7	305	21,418	3.4	724
J. Earl Horst						
Wilma	RH	7-11	305	18,951	3.8	727
C. Kenneth Young						
54	GrH	6-2	305	18,381	4.0	727
C. Witmer Sherer						
Olive	RH	5-2	293	18,231	4.0	727
Mervin Sauder						
Dina	GrH	5-0	305	21,874	3.3	724
Harry H. Ranck Jr.						
Bonnie	RH	3-3	275	18,041	4.0	723
Joseph L. Fisher						
Diane 31	GrH	7-0	240	17,664	4.1	723
Lloyd E. Miller						
Motsie	RH	5-11	305	16,822	4.3	723
Jonas O. Sensenig						
4	GrH	3-2	305	20,300	3.5	720
Dale W. Peifer						
Buff	GrH	5-3	305	16,844	4.3	720
Paul H. Rohrer						
20	GrH	3-2	305	20,736	3.5	719
Paul N. Brubaker						
84	RH	8-5	305	20,475	3.5	719
Karl W. Herr						
Faith	RP	5-2	305	14,850	4.8	719
Bloom	RP	5-10	305	18,690	3.8	715
Jan	RP	3-4	305	17,936	3.9	705
Tritown Farm						
Joann	RH	5-4	305	20,824	3.4	718
David L. King						
Kelly	RH	5-3	305	18,225	3.9	717
Mindy	GrH	5-6	305	15,578	4.5	715
Clyde M. Buchen						
Lisa 341	RH	3-8	305	19,212	3.7	716
Luke L. Martin Jr.						
Fannie	RH	5-11	305	18,979	3.8	715
Russell Adamire Jr.						
3 Jos	RH	6-2	297	18,548	3.8	714
Bruce H. Hershey						
Betsy	RH	5-8	305	18,503	3.9	714
Noah K. Beiler						
Hattie	RH	3-3	305	21,375	3.3	712
Albert H. Mellinger						
Peg	GrH	4-4	305	15,342	4.6	711
Romella Farms						
Steldo	RG	11-8	305	14,479	4.9	709
Leon S. Lapp						
Crist	GrH	3-10	305	17,005	4.2	707
Allan R. Shoemaker						
Bonnie	RH	4-4	305	19,659	3.6	706
Laurie	RH	5-2	305	21,824	3.2	700
Lloyd K. Wise						
Midnite	GrH	4-4	305	17,730	4.0	706
Elvin K. Brenneman						
70	GrH	7-11	305	24,837	2.8	704
J. Richard Boll						
200	GrH	2-9	305	20,645	3.4	704
Ray P. Bollinger						
Faith	RH	4-3	305	19,175	3.7	707
Janie	RH	4-3	305	17,650	4.0	703
Lassie	RH	7-4	305	16,826	4.2	703
Sam K. Stoltzfus						
7	GrH	5-10	305	17,106	4.1	702
Paul E. Martin						
Vickie	RH	6-1	305	19,006	3.7	701
Fred Crider						
Arlene	RG	8-6	305	14,017	5.0	700

OWNER BREED		NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Tritown Farm						
RH	36	32.5	90.0	61.6	3.5	2.17
Curtis E. Akers						
RH	31	57.5	89.2	53.4	3.9	2.06
Earl R. Martin						
GrH	29	50.5	90.4	54.6	3.7	2.03
Donald M. Eckman						
R&GrH	31	44.4	88.2	52.4	3.7	1.94
Aaron Lapp Jr.						
R&GrH	33	34.0	96.6	50.9	3.8	1.92
Robert F. & Joan B. Book						
R&GrH	35	68.0	79.5	49.6	3.9	1.91
Samuel M. Martin Jr.						
R&GrH	28	68.3	88.7	49.9	3.8	1.89
Moses L. Lapp						
Mix	41	29.9	96.5	46.0	4.1	1.89
Andrew G. Miller						
R&GrH	31	39.1	93.9	45.9	4.1	1.89
Donald R. Bare						
RH	28	61.5	87.4	45.8	4.1	1.89
Kenneth D. Myer						
Mix	36	63.0	89.2	46.6	4.0	1.86
John David Martin						
Mix	26	35.3	88.7	50.9	3.6	1.85
Gerald Martin						
RH	34	43.7	86.7	48.8	3.8	1.84
Nelson E. Martin						
RH	35	41.4	89.8	49.1	3.7	1.84
Furry H. Frey						
RH	31	39.3	93.5	46.3	4.0	1.84
Gusty Crest Farm						
R&GrH	32	30.0	93.3	47.0	3.9	1.83
Delmar & Susan Weaver						
R&GrH	32	48.0	97.5	47.2	3.9	1.83
John F. Petersheim						
R&GrH	31	38.6	89.3	47.2	3.9	1.82
Ephraim S. Stoltzfus						
R&GrH	30	21.0	85.1	48.2	3.8	1.82
John F. Stoltzfus						
R&GrH	32	38.7	90.2	48.7	3.7	1.81
Abraham Shelly Jr.						
R&GrH	30	40.5	86.7	47.6	3.8	1.81
J. Ray Ranck						
R&GrH	24	49.0	90.0	47.8	3.8	1.81
Elsie R. Griffith						
RH	26	10.0	91.2	45.1	4.0	1.80
Ivan M. Hursh						
R&GrH	29	44.2	87.8	46.6	3.9	1.80
J. Robert Kindig						
R&GrH	32	57.0	87.0	44.5	4.0	1.80
Neff Brothers						
R&GrH	32	56.8	90.0	46.4	3.9	1.80
Marvin Reed						
R&GrH	25	32.0	87.6	46.5	3.8	1.79
Parke H. Ranck						
RH	33	59.5	88.7	43.2	4.1	1.78
Rhelda & Lynn Royer						
RH	33	57.7	90.8	45.6	3.9	1.78
John K. Peters						
R&GrH	37	44.9	84.9	42.9	4.1	1.78

(Turn to Page 87)

BADGER ▶ POW-R-TRAC 2

ENORMOUS APPETITE FOR WORK



The Pow-R-Trac 2 is Badger's new generation of farm-proven ring-drive silo. The Pow-R-Trac 2 can unload from higher in the silo than any other ring-drive model ... it shaves walls clean of the hardest, toughest material ... and it cuts **evenly** from the top of your silo all the way to the bottom, even through hard-packed haylage or frozen corn silage.

Badger

FARMING IS BETTER WITH BADGER

Ask your Badger dealer about the many benefits Pow-R-Trac 2 offers you! He has a lot of good reasons to ...

GRUMMELLI'S FARM SERVICE
Mechanics Grove
Quarryville, PA
Ph (717) 786-7318

CECIL DAIRY SERVICE
RD 1 Rt 274
½ Mi South Rising Sun, MD
Ph (301) 658-6923

ROY O. CHRISTMAN
RD 1, Box 119
Hamburg, PA
Ph (215) 562-7218
488-1904

PIKEVILLE EQUIPMENT INC.
RD 2
Oley, PA
Ph (215) 987-6277

McMILLEN BROS.
RD 1
Loysville, PA
Ph (717) 789-3961

PETERMAN FARM EQUIPMENT INC.
225 York Road
Carlisle, PA
Ph. (717) 249-5338

SHOW-EASE STALL CO.
523 Willow Rd
Lancaster, PA
Ph (717) 299-2536

HEISEY FARM EQUIPMENT INC.
RD 1
Jonestown, PA
Ph (717) 865-4526

LLOYD E. KREIDER
RD 1
Cochranville, PA
Ph (215) 932-4700

BUSINESS OPPORTUNITY
LEBANON COUNTY BADGER DEALERSHIP AVAILABLE
Write Box J-66 c/o Lancaster Farming, 22 E Main St , Lititz, Pa P O Box 366, 17543

THE DOUBLE PLUS STANDOUT

29H 2669 E-Z-Acres STANDOUT STAR GP-84

USDA, 7-78 Rpt. 65%
37D. 23H. av. 17,684M 3.4% 609BF
PD +$91 +1.178M −.13% +23BF

HFA, 4-78 Rpt. 55% 0.36 PDT +250 TPI

Sire: Sunnyside Standout VG-85 GM
Dam: E-Z Acres Frasea Celeste

STANDOUT STAR is a unique bull. Sired by one of the most popular bulls in recent breed history, STANDOUT STAR, is not only plus over 1,100 pounds of milk but also plus for type (+.36). STANDOUT STAR is improving height of rear udder, udder depth, and strength and capacity. To top that all off STANDOUT STAR sells at a price you will find hard to believe one of the real bargains of the A.I. Industry. Order STANDOUT STAR from your ABS Representative today.

STANDOUT STAR and the other fine ABS Sires can be put to their best use through the Genetic Mating Service Program (GMS). Your local ABS Representative has the details.

ABS AMERICAN BREEDERS SERVICE ®

Bangor, PA	Eric Heinsohn	215-588-4704
Ephrata, PA	Darvin Yoder	717-733-0966
Leola, PA	Lynn Gardner	717-656-6509
Holtwood, PA	Paul Herr	717-284-4592
Columbia, PA	James Charles	717-898-8694
Newville, PA	Jerry Babonis	717-423-6451
Port Murray, NJ	Robert Kayhart	201-689-2605
Reading, PA	Robert Greider	215-378-1212
Richland, PA	Paul Martin	717-866-4228
Thomasville, PA	Ira Boyer	717-225-3758
West Grove, PA	Maurice Stump	215-869-9187
Port Deposit, MD	R. James Benjamin III	301-378-3540

ABS AMERICAN BREEDERS SERVICE ®

(Continued from Page 86)

Russel L. Kline R&GrH	32	35.4	81.8	47.3	3.8	1.78
David L. Landis R&GrH	29	60.0	84.7	45.4	3.9	1.77
Daniel W. Fox R&GrH	21	25.0	94.9	44.7	4.0	1.77
Robert M. Mylin R&GrH	29	41.6	91.6	47.1	3.7	1.76
Nathan E. Stoltzfus RH	29	65.8	87.5	42.3	4.2	1.76
Benuel S. Stoltzfus R&GrH	24	45.6	94.0	48.4	3.6	1.76
Willis M. Martin R&GrH	30	52.3	80.4	43.9	4.0	1.75
Nelson H. Wenger RH	30	42.9	94.0	47.1	3.7	1.75
LeRoy S. Weaver R&GrH	32	45.6	88.2	45.5	3.8	1.75
John K. Stoltzfus R&GrH	32	30.9	87.1	46.0	3.8	1.74
Paul V. Nissley Mix	25	67.4	83.4	43.5	4.0	1.74
Rohrer Brothers R&GrH	31	45.3	87.2	44.4	3.9	1.74
Emanuel E. Smucker RH	35	34.3	91.6	45.9	3.8	1.74
Jonas B. King R&GrH	30	39.2	88.5	43.4	4.0	1.74
Jay C. Garber RH	28	136.6	91.3	45.8	3.8	1.73
Amos M. Stoltzfus RH	22	34.4	90.7	45.9	3.6	1.73
J. Mowery Frey Jr. RH	32	86.9	81.2	43 9	3.9	1.73
Tom Zartman R&GrH	25	78.3	93.4	49.5	3.5	1.73
Ru Be Mar Farms RH	26	30.0	78.1	45.5	3.8	1.72
Pequea Meadows Farm R&GrH	29	65.2	90.1	45.2	3.8	1.72
John M. Harnish R&GrH	30	141.2	82.2	47.7	3.6	1.71
Ken & Joanne Hershey R&GrH	29	65.0	85.8	44.1	3.9	1.71
Aaron S. Glick & Sons R&GrH	32	99.5	94.9	45.9	3.7	1.71
John M. Weaver & Son Mix	28	86.0	87.9	43.2	4.0	1.71
Aaron E. Allgyer R&GrH	30	33.8	87.9	50.3	3.4	1.71
Jacob S. Dienner Mix	37	54.9	90.8	48.1	3.6	1.71
William W. Absher RH	28	10.0	92.9	48.5	3.5	1.71
G.M. Weaver R&GrH	35	43.7	87.6	45.1	3.8	1.70
Aaron E. Beiler RH	32	21.8	91.4	42.0	4.0	1.70
Paul D. Welk R&GrH	29	69.8	83.5	43.0	4.0	1.70
Ellis D. Kreider R&GrH	30	54.0	82.7	45.1	3.7	1.69
Lenewood Farm RH	32	62.3	81.8	43.7	3.9	1.69
Christian & Katie King R&GrH	32	63.1	88.7	44.6	3.8	1.69
Karl W. Herr Red Polled	30	39.0	89.4	41.1	4.1	1.68
Christian G. Becker R&GrH	28	45.9	89.1	42.3	4.0	1.68
Harry Zimmerman Jr. R&GrH	39	42.5	91.9	44.0	3.8	1.67
J. Wilmer Conrad R&GrH	30	38.2	86.2	40.9	4.1	1.67
Paul S. Horning R&GrH	31	56.6	74.1	43.7	3.8	1.67
Stephen J. Stoltzfus R&GrH	28	40.7	82.6	43.7	3.8	1.67
Melvin L. Beiler R&GrH	35	47.3	91.8	43.2	3.8	1.66
John L. Beiler R&GrH	37	50.9	90.3	45.9	3.6	1.66
Daniel J. Martin RH	33	21.0	90.5	41.0	4.0	1.66
Aaron B. Lantz RH	34	39.4	92.5	42.8	3.9	1.66
Paul H. Krantz R&GrH	33	31.0	94.6	43.3	3.8	1.66
Raymond & Louise Witmer R&GrG	32	66.6	89.9	32.7	5.0	1.65
John O. Stoltzfus R&GrH	29	33.0	97.4	43.8	3.8	1.65
John W. Martin Jr. R&GrH	31	46.4	85.6	44.3	3.7	1.65
Charles Smith R&GrH	19	66.4	85.3	42.8	3.9	1.65
Howard S. Erb R&GrH	31	40.4	84.4	40.9	4.0	1.65
Wilmer G. Kraybill R&GrH	30	55.5	87.1	43.3	3.8	1.64
C. Witmer Sherer RH	30	42.5	88.6	42.4	3.9	1.64
Mervin Sauder R&GrH	21	38.8	85.1	43.9	3.7	1.64
Lester M. Weaver R&GrH	33	78.5	89.5	43.5	3.8	1.64
Samuel I. Esh R&GrH	40	39.8	81.3	41.6	3.9	1.64
J. Richard Boll R&GrH	34	48.3	93.5	49.3	3.3	1.64
John S. Wenger R&GrH	28	52.6	91.4	40.5	4.0	1.64
Jonas E. Zook RH	30	33.0	82.1	40.4	4.1	1.64
John S. Zimmerman R&GrH	32	56.0	92.5	42.1	3.9	1.64

PSU offers gardening course

UNIVERSITY PARK - Are you considering a vegetable garden for 1979? Many folks are, you know. In fact, the 1978 season saw a tremendous increase in home gardens, and the present rate of inflation indicates this trend will continue.

An excellent source of information for the amateur gardener, as well as the experienced one who wishes to update his knowledge, is Penn's State correspondence course on the Home Vegetable Garden.

The course provides a practical guide for growing vegetables. Planting dates, space between rows, seed quantity needed for so many feet of row, kinds of fertilizers and rates to use and recommended varieties are some of the subjects discussed in this course.

To get a copy of the course, send your name and address with $4, plus 25 cents postage, to Home Vegetable Gardening, Box 5000, University Park, Pa. 16802. Make checks payable to Penn State.

Class AA

NTPA SANCTIONED

Invitational

SCHEDULE

Session I

Friday, January 19
7 PM
9000 lb. Modified
5000 lb. Super Stock

Session II

Saturday, January 20
1 PM
9000 lb. Super Stock
5500 lb. FWD/Super Stock Trucks
5000 lb. Modified

Session III

7 PM
7000 lb. Modified
12,000 lb. Super Stock

Session IV

Sunday, January 21
2 PM
7000 lb. Super Stock
6500 lb. FWD/SS Trucks
12,000 lb. Unlimited

PENN
WINTERNATIONALS
JANUARY 19, 20, 21
Pennsylvania Farm Show Arena
Harrisburg, Pennsylvania
$46,000
PURSE

FEATURING THE NATION'S BEST SUPER STOCK AND MODIFIED TRACTORS, AND FOR THE FIRST TIME — SUPER STOCK FOUR WHEEL DRIVE TRUCKS!

ADDED ATTRACTION!
COUNTRY-WESTERN-JAMBOREE
WITH JEANNIE C. RILEY
FRIDAY, JANUARY 19

TICKET ORDER FORM
All seats $6.00 - session

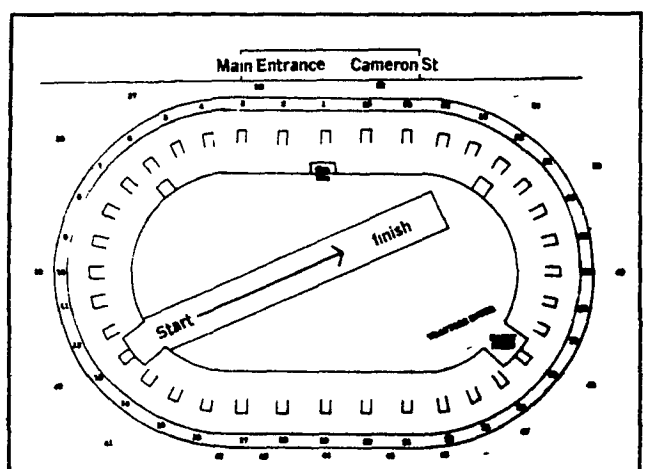
No. Tickets
____ Session I $____
____ Session II $____
____ Session III $____
____ Session IV $____

Name: _____

Address: _____
St. or Rd.

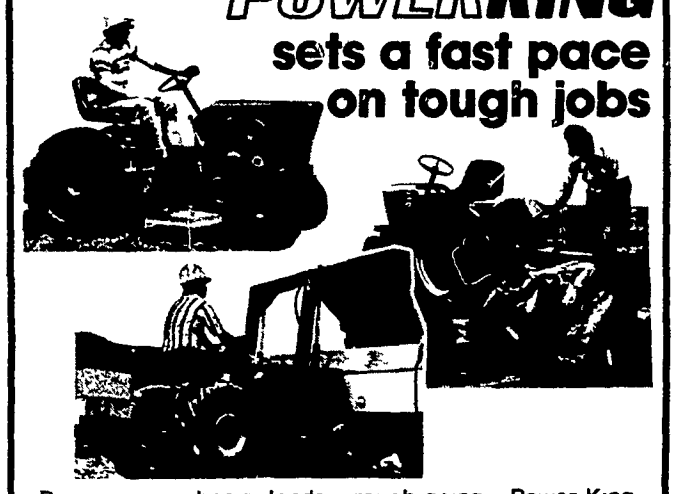
_____
City State Zip

Send remittance with stamped, self addressed envelope to:
Penn Winternationals
RD1, Box 316
Cogan Station, PA 17728



Mark Preferred Section — 1st Choice X
2nd Choice XX
3rd Choice XXX

ECONOMY POWERKING
sets a fast pace on tough jobs



Big acreage heavy loads rough going — Power King carries through without missing a beat The reason? 12, 14 and 18 hp engines applied through Power King's all-gear drive deliver almost 100% power to the big drive wheels That's why you move right along with a 60" mower, load fast with a ½ ton bucket, bulldoze, clear a 48" path of snow in a hurry

American-built Power King is a machine, not a toy! Automotive clutch, transmission, differential, 1½" axles, for example

OBERHOLTZER'S
RD #4, Box 260, Fairview Road
Lititz, PA 17543 Phone: 717-733-8506
HOURS:
Mon., Thurs., Fri. 9:00 to 2:00 and 4:00 to 9:00
Tues., Sat. 9:00 to 12:00

Cumberland County DHIA Monthly Report

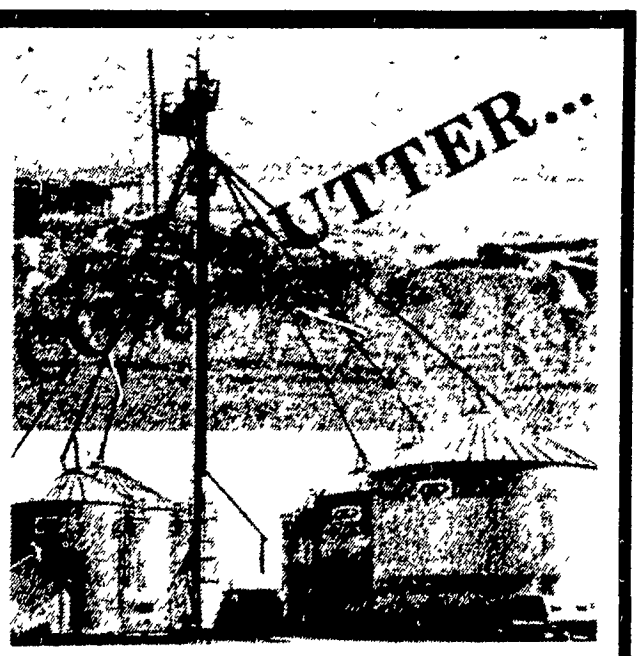
NOVEMBER 1978

Cumberland County Dairy Herd Improvement records show that 6,189 cows in 102 herds were on production testing in November according to Duane G. Duncan, county agent. Of the 84 herds on DHIA, 27 herds had an average fat production of 150 pounds per cow per day for the month. During 114 completed their 305 day lactation with 600 lbs. of butterfat.

OWNER NAME OR NUMBER	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS FAT
David W. Alexander					
B8	28	91	53.3	3.6	1.94
Elmer Gettle					
B3	44	85	46.5	3.9	1.83
Thrush Brothers					
B3	100	95	47.7	3.8	1.81
Paul Strock					
3	112	86	47.3	3.8	1.79
Paul Strock					
3	107	88	47.1	3.8	1.77
Vallilea Farm					
B3	110	86	45.7	3.8	1.72
Alfred Gaisler					
B3	38	92	45.0	3.8	1.70
J. Shephard Wolf					
B3	42	93	49.8	3.4	1.70
John M. Lippert					
B3	34	86	45.4	3.7	1.68
Chester C. Weaver					
B3	72	88	43.7	3.8	1.68
Robert Strock					
B3	91	86	43.9	3.8	1.66
Paul O. Dyarman					
3	58	92	45.5	3.6	1.65
J. B. Brymesser & Sons					
B3	206	89	44.4	3.7	1.63
Donald L. Basehore					
3	38	87	41.7	3.9	1.61
D. T. McCullough Unit 2					
B3	98	86	41.8	3.8	1.60
Harold E. Weaver, Jr.					
B3	43	89	41.7	3.8	1.59
Leroy Showaker & Son					
B3	61	81	38.1	4.1	1.57
Robert H. Jamison					
3	29	82	42.1	3.7	1.56
Carl Kelso, Jr.					
B3	47	83	43.8	3.5	1.55
Aschombe Farms					
B3	259	87	43.3	3.6	1.54
Fred B. McGillvray					
B3	37	82	40.4	3.8	1.54
Paul R. Cornman					
3	41	87	39.3	3.9	1.53
Kenneth E. Zeigler					
B3	22	90	43.6	3.5	1.53
David L. Miller					
B3	77	84	41.9	3.6	1.52
Roy L. & James Miller					
B3	52	81	40.9	3.7	1.51
Harry & Paul Hoch					
3	83	85	38.5	3.9	1.51
Mark E. Leinaweaver					
B3	30	79	39.8	3.8	1.50

OWNER BREED	NO COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS FAT
Otto Brothers					
142		4	20,502	3.3	684
200		5	19,788	3.7	730
266		7	19,475	3.4	657
42		5	17,955	4.1	740
8		6	17,288	4.4	768
88		5	16,995	3.7	634
285		3	16,912	3.7	618
202		11	15,760	4.1	654
121		6	15,559	4.0	625
Donald T. McCullough					
45		7	16,896	4.1	693
Robert Strock					
Polly		4	20,952	3.5	733
Judy		7	15,874	4.4	694
Paul R. Cornman					
Peg	5		17,732	3.9	693
Vallilea Farm					
84	6		20,788	3.7	760
100	6		20,604	3.7	770
430	7		19,777	3.6	718
37	3		19,165	3.6	694
135	4		17,496	3.5	608
Freshair Dairy Farm					
Wonder	5		16,840	3.8	644
John M. Lippert					
Irma	3		18,481	3.4	623
Cindy	4		17,467	4.1	716
Ida	6		17,253	3.5	601
J. B. Brymesser & Sons					
60	7		21,454	4.6	980
191	4		21,234	4.0	841
185	4		21,164	4.1	868
78	6		20,199	3.7	743
Delight	10		17,828	5.2	922
26	8		17,152	4.8	821
207	3		16,984	3.6	617
199	3		16,849	3.9	660
130	5		14,577	4.1	602
Creedin C. Cornman					
Maria	6		18,054	3.8	687
Laurie	4		16,985	3.6	610
Ashcombe Farms					
14	5		19,391	3.2	617
359	3		16,866	3.8	638
298	6		15,667	4.0	633
302	3		14,572	4.3	632
Roy E. Snoke					
Sharon	4		18,017	3.9	699
Fanny	4		16,831	3.6	603
Thrush Bros.					
93	3		19,523	3.3	637
Willard Fought					
12	5		17,461	3.5	614
Roy L. & James Miller					
33	5		19,359	3.8	741
18	7		17,974	4.3	772
D. Lehman					
69	8		17,169	4.1	705
Paul Strock					
Doreen	6		24,258	4.0	967
Chipper	2		22,438	3.1	697
Helena	7		21,500	3.2	689
Kaddie	3		20,979	3.4	723
Almeda	6		20,827	3.3	693
Skyline	4		20,685	3.1	647
Harriet	4		19,391	4.4	846
Bonnie	5		19,337	3.9	749

(Turn to Page 90)



yes LOWER PRODUCTION COSTS mean HIGHER PROFITS and grain handling, drying and storage costs are certainly a part of your production costs Whether you raise grain for cash, or for feed, your local **mfs** dealer will show you how to cut **YOUR** production costs one bin or a complete handling drying and storage system See him start CUTTING COSTS TODAY!

SEE OUR EXHIBIT AT THE FARM SHOW EAST BUILDING

mfs Steel Arc

Save $$$$$

VERNON MYERS, INC.
STEEL BUILDINGS & GRAIN STORAGE
R.D. 4 - Box 845
Lebanon, Pa. 17042
Phone: (717) 867-4139

'TIS THE SEASON TO RELAX AND ENJOY WITH YOUR

CHRISTMAS CLUB CHECK

START YOUR CHRISTMAS CLUB NOW

Be good to yourself...begin a holiday savings plan now and relax when it's time for gift-giving! Your money will earn high interest when held to maturity, and will be there when you need it. Put yourself in Santa's shoes and be prepared for a very merry!

THE FARMERS NATIONAL BANK OF QUARRYVILLE

SMALL ENOUGH TO KNOW YOU . . .
LARGE ENOUGH TO SERVE YOU.

TWO CONVENIENT SOUTHERN LANCASTER COUNTY LOCATIONS
★ QUARRYVILLE Phone: (717) 786-7337 ★ PENN HILL

An Equal Opportunity Lender • Member F.D.I.C. • Each Account Insured To $40 000

LAST CALL!!

COUPONS WILL BE HONORED IF
YOU CALL 717-354-4374 BEFORE
MIDNIGHT - SATURDAY, DEC. 30th

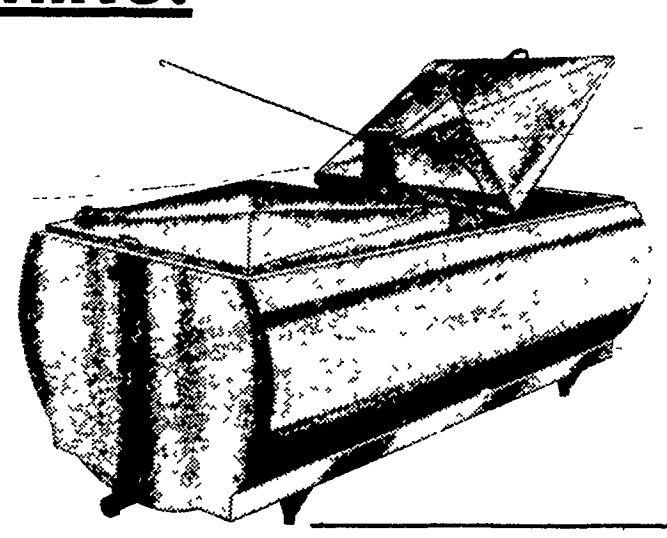
ORDER NOW!

AND $AVE WITH THESE EARLY ORDER COUPONS:

$500 OFF
ANY NEW TANK
ORDERED BEFORE
JANUARY 1, 1979

$200 to $500 OFF
(Depending on Size)
ANY NEW DIESEL ENGINE
ORDERED BEFORE
JAN. 1, 1979

MAKE ME A BULK MILK COOLER THAT HAS EVERYTHING!



MUELLER
Bulk Milk Coolers

THE MUELLER MODELS OH, MHL, AND MW WITH HIPERFORM MAKE ALL OTHER BULK MILK COOLERS OBSOLETE
SEE THE MUELLER NEW MODELS
★ 500 MW ★ 600 MW

The "MW" is one of the Lowest pouring Height Bulk tanks. Check with us all the new features of the "MW" bulk tank.

If you are in the market for a bulk milk cooler and you don't check all the advantages of the Mueller "OH" "MHL", and "MW" you may be buying an obsolete cooler.

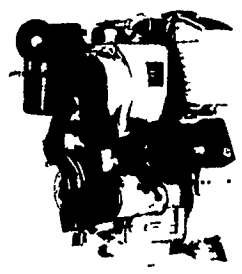
USED TANKS

★ D4 500 GAL. GIRT SOLD ★ 600 GAL. OH MUELLE SOLD
★ 3,500 GAL. C SOLD

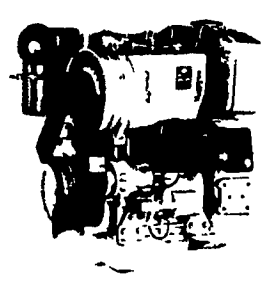
600 gal. Jamesway	300 gal. Mueller	350 gal. Esco	400 gal. Dari-Kool	D-2 400 gal. Girton
(2) 1000 gal. OH Mueller	375 gal. DeLaval	425 gal. Esco	200 gal. Girton	500 gal. Wilson
500 gal. OH Mueller	400 gal. DeLavSOLD	500 gal. Mojonnier	D-2 600 gal. Girton	2-400 gal. Jamesway
600 gal. M Mueller	500 gal. Milkeeper	600 gal. Mojonnier		

CONTACT QUEEN ROAD REFRIGERATION TO SEE A MUELLER FRE-HEATER IN OPERATION, RIGHT ON THE FARM.

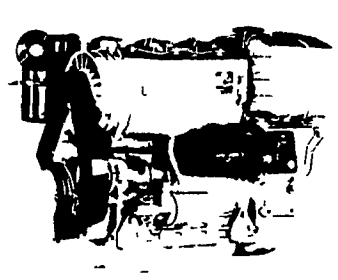
1050 SU SERIES



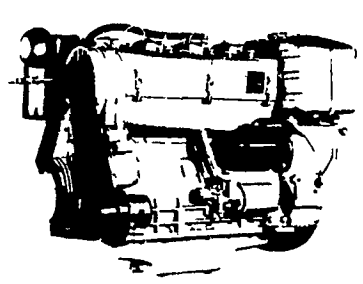
2800 R.P.M.
22 SAE HP
20 DIN HP



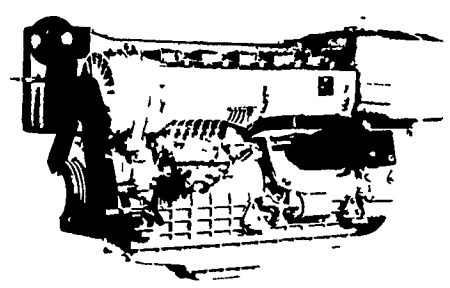
2800 R.P.M.
44 SAE HP
40 DIN HP



2800 R.P.M.
66 SAE HP
60 DIN HP



2800 R.P.M.
88 SAE HP
80 DIN HP



2800 R.P.M.
132 SAE HP
120 DIN HP

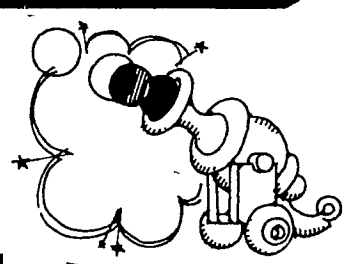
VM Diesel

FOR MORE INFORMATION ON HIGHER H.P. - CALL US!

USED DIESELS
- 1-Cyl. Deutz
- (4) SR2 Lister
- 1-Bamford
- (4) DVA 1500 Slanzis
- 1 - ST2 Lister
- 3-Cyl. PerkirSOLD

THE "RIGHT FROM THE START" DIESEL ENGINE LINE FOR FAULTLESS PERFORMANCE.

HAPPY NEW YEAR!



QUEEN ROAD REFRIGERATION

Box 67, Intercourse, PA 17534
Phone: John D. Weaver - 717-768-9006 or 768-7111
or Answering Service - 717-354-4374

24 HOUR SERVICE

(Continued from Page 88)

Carrie	3	18,083	3.5	631
Althea	2	17,227	3.6	626
Allen Dairy Farms				
137	2	16,878	3.6	608
190	2	14,991	4.1	618
Harry & Paul Hoch				
Elaine	3	19,675	3.9	762
Flossy	4	17,512	3.5	619
Glenn & Larry Souder				
13	5	18,338	3.9	724
J. Glenn Glesner				
7	7	16,723	4.0	662
85	4	16,007	4.0	644
Alfred Gaisler				
Thelma	5	22,470	3.4	765
Hero	7	18,854	3.4	649
Emily	4	17,933	3.8	576
Astrid	3	17,856	3.5	631
Milk Way Farms				
2	7	21,314	4.2	904
24	5	19,055	3.2	605
140	3	18,895	3.5	657
154	2	17,498	3.6	623
42	3	16,874	3.7	622
53	4	16,816	4.9	827
144	3	16,231	4.3	698
K. Hale & N. Burkholder				
Sonja	4	18,037	3.9	702
Fairy	6	16,725	3.6	600
Fred B. McGillvray				
Lori	4	16,723	3.6	610
Bloom	6	15,575	4.0	627
J. Shephard Wolf				
Star	4	21,410	3.9	845
Sara	2	18,575	3.4	627
Herbert B. Shughart				
Vera	6	18,304	3.9	714
Charles L. Nehf				
Beebee	4	20,060	3.8	771
D. T. McCullough Unit 2				
163	5	19,208	3.4	651
138	2	17,941	3.5	622
109	6	17,689	3.5	623
Her Joy Farm				
70	9	17,177	4.4	749
Ashcombe Dover Dairy				
299	3	21,466	3.1	676
213	5	19,151	3.2	620
187	6	17,440	3.6	623
Paul Basehore				
NoName	6	20,039	3.7	750
Cindy	8	18,934	3.7	707
Star	7	16,881	3.9	654
Leroy Showaker & Son				
Betty	8	20,234	4.1	822
Astro	6	18,597	4.6	859
Penny	3	15,446	3.9	601
Jennie	5	15,420	4.0	621
Carl Kelso, Jr.				
81	6	25,333	3.2	801
28	7	17,410	3.7	638
John E. Lapp				
Sally	7	19,237	3.6	698
Leroy Chestnut				
14	8	17,046	3.8	650
Chester C. Weaver				
Wiggle	4	19,111	3.2	617
Robert H. Jamison				
Virginia	6	21,544	3.5	745
R. Rice & Amos King J.				
13	8	20,408	3.6	735
27	7	16,523	3.8	625
Oscar Nealy & Sons				
15	5	16,573	3.7	619
288	3	15,409	3.9	601
Harold E. Weaver, Jr.				
41	6	18,122	3.9	709
George Stambaugh				
35	5	16,222	3.9	635
59	5	14,693	4.1	602
Wm. F. & Susan Dietrich				
Joy	5	13,085	4.8	629
Flower	3	11,567	5.3	614
Lee A. Hoover, Jr.				
Sue	5	22,169	3.3	733
Nevin Shughart				
Linda	10	17,626	4.1	721
Patty	5	16,100	4.1	658
Sara	5	16,058	3.9	627

Reupholstery workshop set

CARLISLE – A five day re-upholstry workshop is planned in January by the Penn State Cooperative Extension Service. The workshop will be held at the Extension Building Meeting Room, 1100 Claremont Road, Carlisle.

The dates are January 3, 10, 17, 23 and 24 (Wednesdays and a Tuesday). Registration fee is $12.00. Interested individuals should call 717-249-7220 or on the West Shore 717-697-0371, ext. 246. Registration is honored on a first come first serve basis.

Over the past three years, over 100 individuals have taken the re-upholstery workshop. In addition to the monetary savings, participants have expressed pride in their new skills and their finished handiwork.

Interested individuals should choose simple chairs. Beginners should not plan to tackle sofas or recliners. In addition, individuals should consider a partner. Reupholstery is a big job and team work is greatly appreciated.

Snowmobile course required for youths

HARRISBURG - The Snowmobile Unit of the Department of Environmental Resources issued a reminder that Pennsylvania youths, 10 through 15 years of age, must complete a safety training program before they can legally operate a snowmobile this Winter.

Robert Johncour, Snowmobile Safety Coordinator, said the law, in effect for several years, applies to the use of snowmobiles on all lands in Pennsylvania except properities owned by the operator's parents or guardians.

The course, he explained, is eight hours long and students who successfully complete the program are issued a safety training certificate. This certificate must be carried by the youth when snowmobiling.

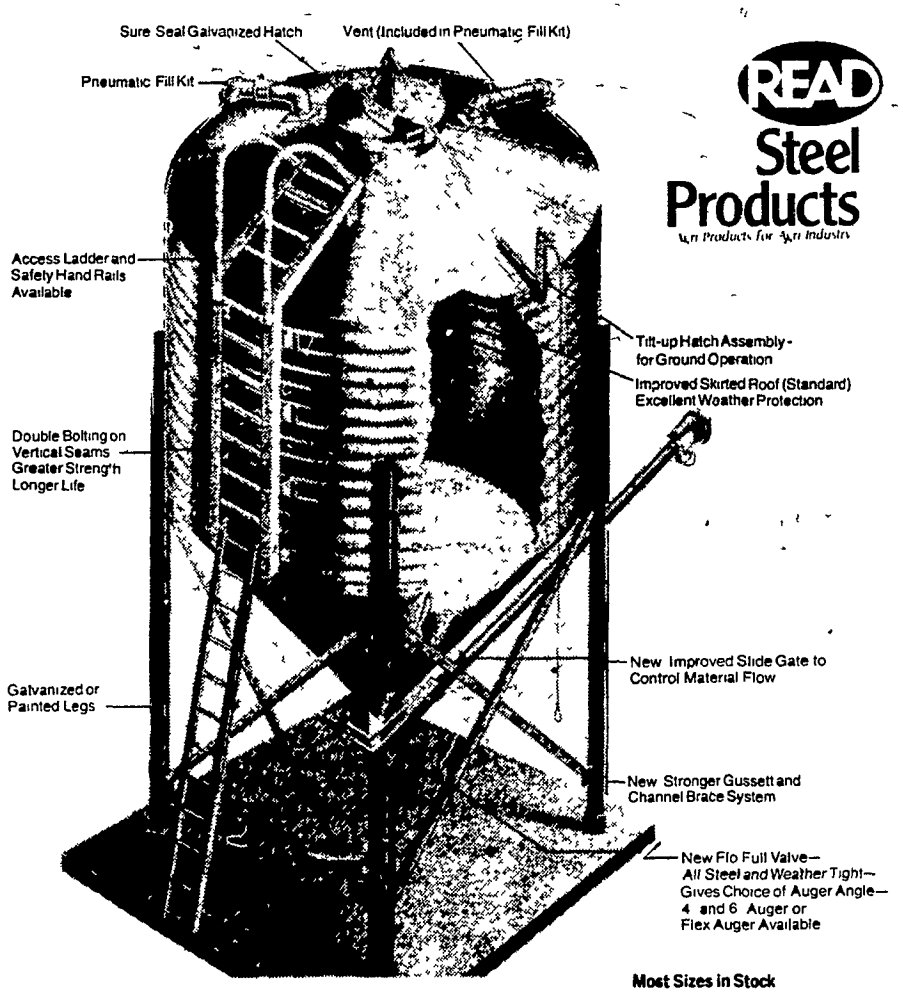
To determine when a course is available locally parents should watch their newspapers or contact a local snowmobile club or snowmobile dealer. They can also contact the Department of Environmental Resources, Snowmobile Unit, P.O. Box 1467, Harrisburg, Pa. 17120. The telephone number is 717-783-1364.

Johncour also noted that the law requiring juveniles to obtain a safety certificate is part of the Vehicle Code of Pennsylvania and can be enforced by almost any State or local law enforcement official.

YEAR END SPECIAL AT OLD PRICES

NOW IN EFFECT ON FEED BINS

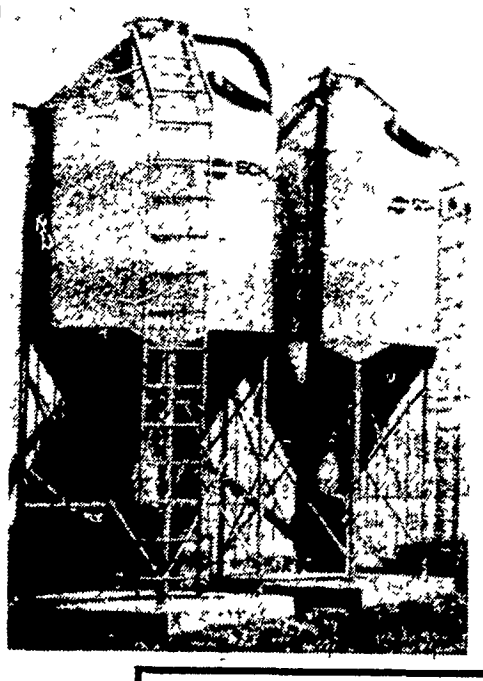
IN STOCK — WHILE THEY LAST


Sure Seal Galvanized Hatch
Vent (Included in Pneumatic Fill Kit)
Pneumatic Fill Kit
Access Ladder and Safety Hand Rails Available
Tilt-up Hatch Assembly - for Ground Operation
Improved Skirted Roof (Standard) Excellent Weather Protection
Double Bolting on Vertical Seams Greater Strength Longer Life
New Improved Slide Gate to Control Material Flow
Galvanized or Painted Legs
New Stronger Gussett and Channel Brace System
New Flo Full Valve— All Steel and Weather Tight— Gives Choice of Auger Angle— 4 and 6 Auger or Flex Auger Available

READ Steel Products

Most Sizes in Stock

SCHULD BULK STORAGE BINS



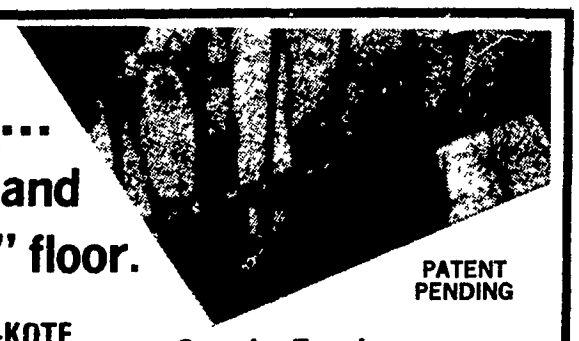
FEATURES

- Totally Manufactured One Piece
- Smooth Galvanized Design
- Leak Proof Construction
- Center Fill Pneumatic
- Standard Aluminum Ladder
- Optional Aluminum Safety Cage
- Heavy Gauge Top Cones
- Rain Eave Edge Protection
- Appreciating Value
- Schuld Delivered and Erected
- Aluminum Landing Platforms
- Bin Unloader - Eliminates Bridging
- Unlimited 360° Auger Angle
- Unlimited 0° to 45° Auger Incline
- 4" Bearinged U-Trough Auger
- Schuld Known Service Attitude

• WE SELL, SERVICE & INSTALL
• FULL LINE PARTS DEPARTMENT

HERR EQUIPMENT, INC.
RD3, Sprecher Rd.
Willow Street, Pa., Lancaster Co.
Phone: (717) 464-3321

Tenderfoot...™
the Tough, Tested and Proven "pig-saver" floor.



PATENT PENDING

PERMA-BOND* KOMFY-KOTE CONSTRUCTION

A tough acid-resistant plastisol compound **permanently bonded** to a rugged steel mesh

*An exclusive bonding process developed by Tenderfoot

- **Superior Traction prevents injuries and abrasions.**
- **Cushioned comfort reduces stress.**
- **Self-cleaning. No holes or crevices to harbor bacteria.**

HOW LONG WILL THEY LAST?

First produced in 1975, Tenderfoot was tested in farrowing pens for 1½ years before being marketed These original floors have been in constant use ever since WITH NO APPRECIABLE WEAR! Today's Tenderfoot floors have **6 advantages** over the original pieces

1. **3 times more coating.**
2. **Tougher vinyl coating.**
3. **Extra-strength steel.**
4. **Treated to resist bacteria & fungi growth.**
5. **Improved Perma-Bond processing.**
6. **Strict quality control.**

Constant research, development and quality control continues at the Tenderfoot factory and at the nearby 650-sow operation where the original 1975 Tenderfoot floors are still going strong

How long will a Tenderfoot last? No one knows The very first ones produced have withstood heavy use since 1975 with **no appreciable wear.** The floors produced today are **6 ways better** than the first ones **On the basis of these facts it seems safe to say that any concern over the durability of Tenderfoot flooring is unnecessary.**

— CALL TODAY —

BETTER-BILT AGRI. DIST.

Ephrata, Pa. 17522 Edwin N. Kurtz, prop. 717-733-8193

Computers help in meat inspection

PHILADELPHIA - Space-age technology is being used by the U.S. Department of Agriculture to help inspect meat that importers want to bring into the country.

It's a highly advanced computer system, developed by the Department's Food Safety and Quality Service to help its inspectors examine the imported meat products faster and more efficiently.

"The system has been in operation since October," said Jesse Oliver of the service's Philadelphia office, who explained how the "Import Information System" worked.

"We have computer terminals at the major ports of entry. They tie in with a central computer at the service's Hyattsville, Md., office. When a meat shipment arrives from abroad," Oliver said, "an examiner at the port enters information from the importer's application into the system. The Hyattsville computer checks its memory bank to classify the product and determine the foreign establishment's compliance record."

"Based on the product's history, the computer prints out assignments for the meat inspector to follow. These tell him what inspection procedures, tests and sampling are necessary to assure that the meat or poultry product is wholesome and safe to eat."

"The system does not eliminate personal inspection," said Oliver. "The computer helps the inspector at the port by giving him a scientific sampling pattern to follow so his examination will let him truly judge the acceptability of the entire shipment. Overall, said Oliver, the system means tighter control of imported meat products. About seven per cent of this country's meat supply is imported.

Oliver said when the Food Safety and Quality Service inspector completes his assignments, he enters the results into the computer system, thus updating the product history for future reference by inspectors at any of the other ports of entry in the system. In this way the system forms a nationwide network.

Oliver gave a recent example of how the system works. "One of the service's inspectors stopped a meat shipment into the Philadelphjia port of entry on the basis of the computer print out. The importer demanded to know why his shipment was being delayed.

"We told him the computer had alerted us his product came from a foreign plant with a poor record of complying to our food import regulation. This information was based on shipments that came through the port of New York on earlier occasions."

"The computer said we should take a greater number of samples than usual so the inspection took a little longer than normal. In this case, the suspect meat checked out O.K., but you can see that the computer saved us from what could have been serious trouble.

"Previously, each port of entry kept its own records on foreign products. This meant that if the exporter was new to that port, inspectors would have to make an independent determination as to the required examination, tests and number of samples.

Development of the Import Information System was started in 1973. This year, the service installed computer terminals in Philadelphia and 11 other major ports of entry Boston, New York, Norfolk, Charleston, Miami, San Juan, Chicago, New Orleans Los Angeles, San Francisco and Seattle.

Vehicle sale set

HARRISBURG - Secretary of General Services Ronald G. Lench announced the State will auction used Commonwealth vehicles at the Commonwealth Garage, 22nd and Forester Streets in Harrisburg, on January 11, 1979.

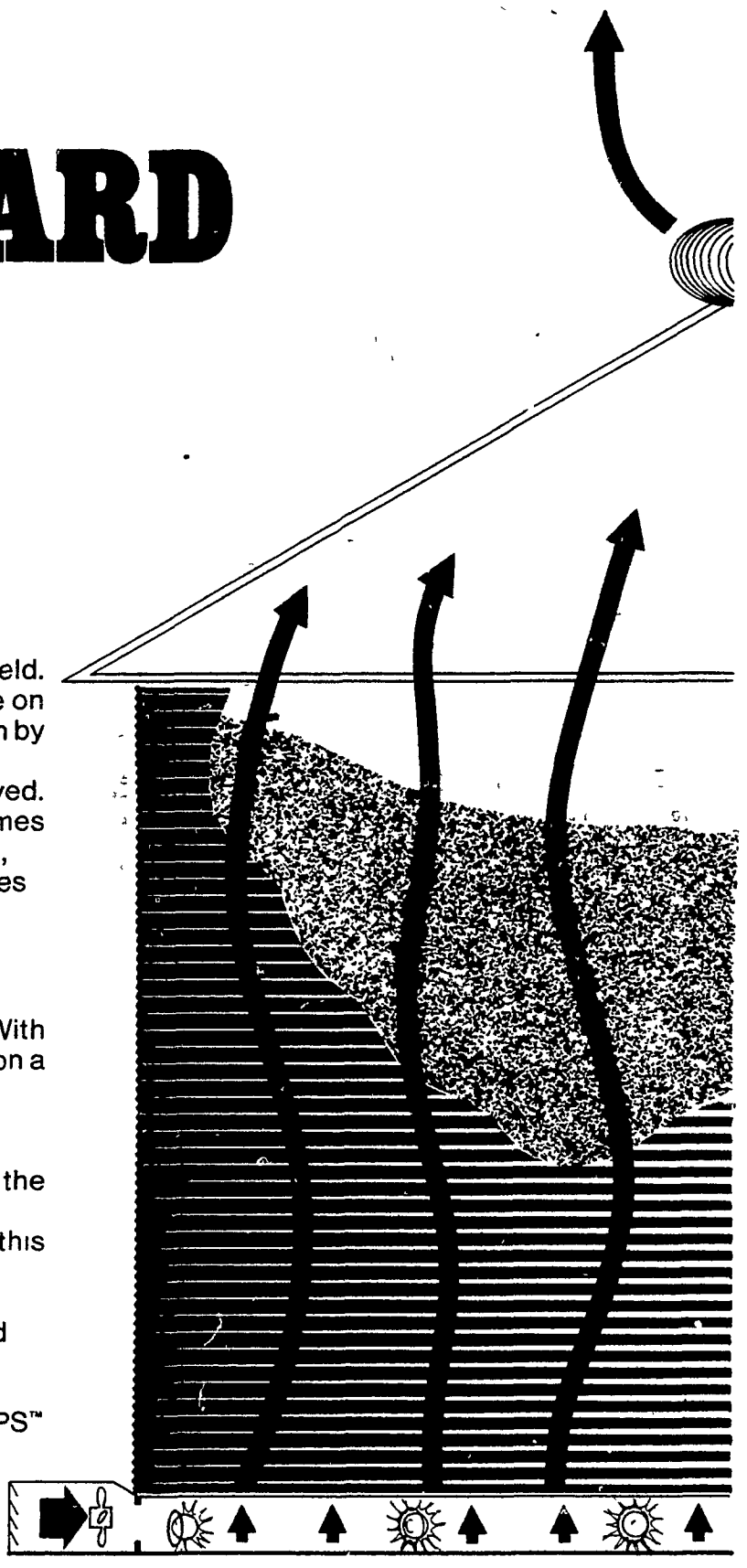
Bidders must register with auction officials at the Garage beginning at 8:30 a.m. on the day of the sale. The sale begins at 10 a.m.

"Since the State offers no guarantees or warranties," Lench said, "interested buyers should make a thorough inspection of the vehicles before the day of the sale. The cars and trucks are available at the Commonwealth Garage, during normal working hours, for this purpose."

A complete listing of all vehicles in the Harrisburg sale is available from the Bureau of Vehicle Management, Department of General Services. The address follows: Department of General Services, Bureau of Vehicle Management, 2221 Forster Street, Harrisburg, Pa. 17125, 717-783-3132.

YOU'VE HEARD THE TALK.

There's a better way to dry grain. It's called CHILLCURING™ because it means CURING without heat. Here's what the talk is all about.



THE GRAIN

Every kernel of grain is alive when it comes out of the field. It is a seed, able to grow because it has the ability to take on moisture. Likewise, it can be kept in a state of preservation by removing the moisture already in it.

But by heating the grain to dry it, the seed life is destroyed.

By *removing* heat and moisture from the grain, it becomes dormant, and stays alive. Then it can ripen to full weight, losing only water while keeping valuable protein, starches and sugar.

THE SYSTEM

It's simple. Grain goes from the field right to the bin. With the unique AIRFRAME™ and AIRFLOOR™ the grain rests on a solid bed that allows maximum ventilation.

Clean dry air is the best curing medium for the grain. GRAINLAMPS™ provide electric sunshine, cleaning and drying the air beneath the floor, before it passes through the grain.

Fans force air under the floor. Rising through the grain, this dry outside air carries away moisture and heat.

At the peak of the bin a jumbo 40" turbine, the WHIRLCOOLER™, puts nature to work for you. Wind and rising air keeps it turning, venting the system naturally.

A special HARVESTAT™ Control System monitors the curing process. A simple setting controls the GRAINLAMPS™ to make use of free, natural air.

THE FACTS

1. You can't beat Nature. HARVESTALL GRAIN CHILLCURING™ uses the same elements that ripen and preserve grain if left to itself: free flowing air and infra red rays (sunshine).

2. CHILLCURING™ has been tried and proven in 17 states on over 3000 farms. The research is in: CHILLCURING™ WORKS!

3. The CHILLCURING™ system uses only the electricity to power fans and lights, using about 1½ KW hrs. per bushel. Compare that cost to other systems that use increasingly expensive fuels to get disappointing results.

4. The grain goes from the field to the bin and stays there till you need it. Save time and money at harvest with the one step HARVESTALL CHILLCURING™ and storage system.

5. If you're in the market for grain storage, you owe it to yourself to look further into HARVESTALL GRAIN CHILLCURING™.

PRE SEASON DISCOUNTS ARE NOW AVAILABLE!

Come and see us:

Thurs., Jan. 4
The Annual No-Till Conference
Host Farm Motel
5 mi. east of Lancaster on Rt. 30

Fri., Jan. 5
Special presentation by Mr. Sylvester Steffen, scientist and inventor of the HARVESTALL CHILLCURING™ SYSTEM
Plain and Fancy Farm Restaurant
2 mi. west of Intercourse
1:00 PM sharp — FREE refreshments

HARVESTALL

to hear more, contact
Advanced Ag Products
Box 174, R.D. 2, Elverson, Pa. 19520
215-286-9118

COMPLETE FARM PAINTING

We Use Quality PAINT

AERIAL LADDER EQUIPMENT

- Modern and Efficient Method
- Reasonable Prices
- Spray-On and Brush-In Method
- Sandblasting If Necessary

FOR FREE ESTIMATES WRITE:

ESH SPRAY PAINTING

(Daniel S Esh - C Ralph Miller)
SPRAY-ON AND BRUSH-IN PAINTER
Box 350A
Ronks, PA 17572
or call this number
717-687-9155
INDUSTRIAL
COMMERCIAL
RESIDENTIAL

Miller looks for 'good foundation' behind his Angus cattle

This is a partial view of Pleasant Valley Farm, Lebanon R4, owned by Robert Miller. Miller owns 70 pure bred Angus cows and farms 450 acres of land.

By JOAN LIESAU

LEBANON – "I don't put a paper on anything not good enough" said pure bred Angus breeder Robert Miller of Pleasant Valley Farm, Lebanon R4. Miller owns 70 registered Angus cows and farms 450 acres.

Miller's heifers posed with their heads up in alert attention as he spoke. "I take my top 10 to 15 heifers and put them back into the herd." He said he would fatten out the remainder, but the bottom five would not be registered.

His top 10 to 15 bull calves will be put on farm test and be sold in the Spring. Miller weighs the bulls when they are weaned. "I put them on a complete feed thats not real hot, about half oats" he said. In 140 days Miller will weigh the bulls, and again at one year of age.

Miller feels the integrity of the breeder is of the utmost importance when selling livestock. If your not honest "in the long run it will come back to you" he said.

In 1977 Miller had 19 bull calves on his farm test. He pulled four off the test. When the 15 bulls sold, they averaged $1040 per head.

When Miller weans his calves, they are fed corn silage and hay, treated with anhydrous ammonia which he blows in the silo. He thinks synthetic protein has its place, but found that in some cases, like supplementing diets of sick animals, it does not belong. "You can read all the literature on products that you want, but you don't find out until you try the thing yourself" he said.

Miller wants to see "good foundation" behind the cattle he buys. A lot of western breeding such as Marshall, Black Revolution and Wal Bridge Farms serve as the back bone of Miller's herd. He estimated that he had raised half of the 70 cows in his herd.

Miller also raises about 600 head of bulls and steers each year which he buys out of Kentucky, New York and Missouri. These are all eventually sold to Baum's Balogna Inc. in Elizabethtown.

He owns part interest in a bull under the name of Governors Club. The bull, who had a 720 pound 100 day weight, is presently in New York. Miller said "almost 100 per cent of the time the bull does more for me then I do for him."

Recently Miller built a manure pit off of his steer barn. The pit was designed and planned by the soil conservation people, Miller said. It has a ground bank (mostly clay soil) and a cement bottom and ramp. The best part of the system is that "it is designed to use existing equipment." Miller said he was "in farming to make a living" and with the high cost of machinery and equipment, this pit was the most logical type to put in.

Miller farms 450 acres, renting the majority of the land from his father. He plants 230 acres in corn. He also raises wheat, barley, hay and sudax, which he green chops for the cows, or bales for hay. Miller said "I don't buy any feed." But he does sell his excess corn, which this year totaled 7500 bushels. He said there was not much labor involved to fill his three silos. After they are filled he's done for the year.

Miller said he "really likes farming and Angus cattle." He wishes there was more profit in the investment a farmer puts out for "the only thing the government can trade in a foreign country." Robert Miller is a man genuinely interested and concerned with the welfare of the American farmer.

FOR BETTER PASTURES, LAWNS, ORCHARDS . . .
AND BIGGER CROP AND GARDEN YIELDS!

Calphos

WHAT IT IS

Calphos is an unacidulated mineral phosphatic material or, in more simple terms, a natural, untreated, soft phosphate clay. Technically, it is known as colloidal phosphate, or soft phosphate with colloidal clay.

WHAT IT DOES

What, Specifically, will Calphos do?
By offering growing plants a constant, non-leachable source of phosphorus and trace minerals capable of absorbing its own weight in moisture, Calphos spells lush and greener, more drouth resistant growth. Calphos also stimulates early root formation, hastens maturity and encourages growth of earthworm and soil bacteria populations. Since phosphorus is the one element most lacking in most soils, its use is a must for maximum results.

WHEN TO SPREAD

When should Calphos be put out?
Whenever time permits. Many farmers spread it in the fall, during the slack days following harvest, since Calphos is not water soluble and winter rains will not wash it away.

5% DISCOUNT ON ALL ORDERS TAKEN BY JANUARY 10, 1979
(NO EXCEPTIONS)

AVAILABLE IN BAG OR BULK

For More Information Call Or Write:
AARON E. RIEHL
P.O. Box 223
Brownstown, Pa. 17508
(717) 656-9302

"Everything that grows, grows better with CALPHOS"

Consumers concerned about food additives

NEWARK, Del. - One should take a look at a few of the food labels on the average American pantry shelf. If one does, he's found to note a number of ingredients that wouldn't be found in any family cookbook; sodium caseinate, dipotassium phosphate, diglycerides, artificial flavors, and more.

Many consumers are beginning to question the presence of chemical additives in food, says Delaware Extension dairy specialist Dr. George Haenlein. This concern may be partly due to the fact that no chemical substance can be proven absolutely safe for human use, he says - just "relatively harmless," depending on amount eaten.

But part of the concern is due to a lack of understanding about the benefits of food additives and the federal controls of their use.

The Food and Drug Administration defines a food additive as any substance put into a food that becomes part of the food and/or affects the characteristic of the food. This applies to substances added intentionally as well as those that find their way into foodstuffs accidentally, including toxins from food spoilage organisms, infective organisms, natural components of foods, agricultural chemicals, chemical changes due to food processing, packaging materials, and accidental contaminants

Many foods in their original, unprocessed state may contain potentially harmful substances, explains Haenlein. These are toxicants such as oxalic acid in spinach and rhubarb; hydrogen cyanide in lima beans; myristicin in mutmeg.

These natural food toxicants are used without harm as long as the foods are not eaten exclusively or in outlandish amounts.

Choosing a diet from a wide variety of foods is not only nutritionally sound, but also provides the best protection against the likelihood that any natural or synthetic substance will reach a harmful level in the diet.

A chemical substance may be called toxic if it can produce harm when consumed. Virtually every chemical - water, salt, iron, even vitamin D - is toxic at some level. Hazard depends on the inherent toxicity of any substance and how much of it is consumed.

Before they can be used, food additives must be given extensive toxicity studies with test animals by the manufacturer.

The use of an additive is evaluated and regulated by FDA. An additive must perform a useful function in food; it must be safe for human consumption even if eaten in large amounts and over a lifetime; and it must make no contribution to the growth of cancer in animals even when the amounts fed in laboratory tests greatly exceed amounts normally consumed by humans in a lifetime.

More than 25 classifications of substances are in use as food additives, Haenlein says, and they do perform useful functions.

They serve to preserve foods, enhance flavor or color, improve nutritive value, or perform various technical functions such as whitening, thickening, and emulsifying which tend to enhance taste and eye appeal of many foods including dairy products. Without food additives, he says, many food products would be unacceptable or unavailable to large numbers of consumers, but knowledge and good judgment must prevail in their use. Therefore, reading and evaluating product labels is important.

Record value set for Shorthorn bull

OMAHA, Neb. - Cagwin Cattle Services, Virginia, Ill., has announced the sale of 1/3 semen interest in the Grand Champion bull from the recent National Shorthorn Show in Louisville, Ky., Mill Brook Ransom G-Nine 2975, for $27,250. The sale places a value on the bull at $81,750, a new record price for a Shorthorn bull.

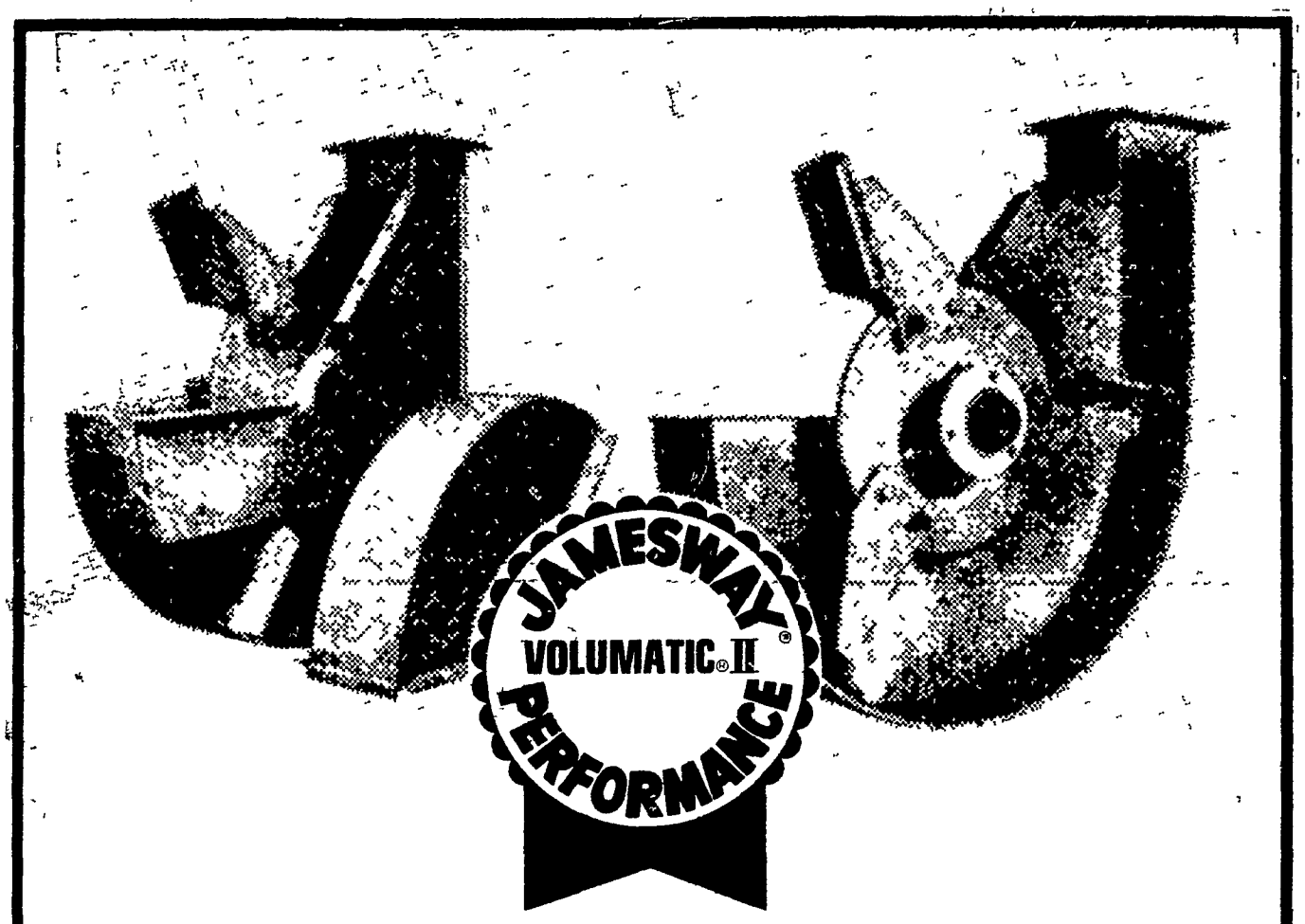
After more than 12 hours of negotiations at Mount Vernon, Ohio, the breeder and owner of 2975, R. Lee Johnson, Fredericktown, Ohio, and Dick Prentice of Arrowhead Farm, Kingdom City, Mo., agreed to the terms that would give the 1/3 semen interest in this great bull to the Arrowhead firm at the new record value.

Weighing an impressive 2,175 pounds in mid November, the bull is well known in Shorthorn show ring news, having already won the National Western Livestock Show, the Ohio State Fair and the Indiana State Fair.

Don Cagwin, president of Cagwin Cattle Services had worked as the mediator between the two firms for several weeks of preliminary negotiations prior to the final meeting in Ohio. Cagwin stated that both Prentice and Johnson were delighted that the transaction was finally consummated. Prentice expressed his extreme pleasure in being able to acquire an interest in what he feels is the best Shorthorn bull to be made available in many years. Johnson stated he was happy to have a reputable firm such as Arrowhead Farm for a partner on 2975.

Arrowhead Farm, located in north central Missouri, has been running approximately 300 Shorthorn cows in the operation, which recently moved to the Missouri location from Iowa.

Cream, custard and meringue-type pies - or those with custard fillings - need to be refrigerated promptly. Low refrigerator temperatures keep Staphylococcus bacteria from growing and forming toxins that can make you ill.



RIGID OR SWINGING

Pull 3 bolts to convert from rigid to swinging impeller paddles on the Jamesway Volumatic® II silage distributor-unloader. The big-capacity 26" dia. impeller has a convenient easy-access lift-off top.

We also install cattle feeding, ventilating, and manure-handling systems.

AGRI-EQUIP.
RD2, Farmersville, Ephrata, PA
717-354-4271

DEPENDABLE MOTORS
Honey Brook, PA
215-273-3131

HARRY L. TROOP
Rt. 1 Cochranville, PA 19330
215-593-6731

I. G.'s AG. SALES
Rt. 113, Box 200
Silverdale, PA
215-257-5135

HENRY S. LAPP
RD1, Cains, Gap, PA 17527
717-442-8134

TAM SYSTEMS CORP.
RD 1, Mountain Rd.
Dillsburg, PA 17019
717-432-9738

ERB & HENRY EQUIP., INC.
22-26 Henry Avenue
New Berlinville, PA
215-367-2169

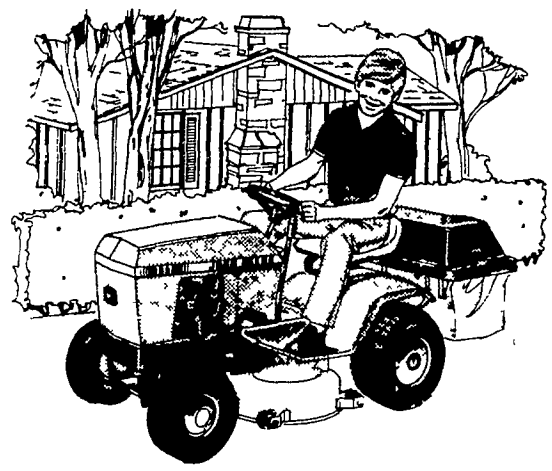
M. S. YEARSLEY & SON
114 E. Market St.
West Chester, PA 19380
215-696-2990

J. A. SWOPE
Box 121, RD1
Myerstown, PA
717-933-4758

J. M. HORST SERVICE CO.
Box 231, Quentin, PA
717-274-1242

ROVENDALE SUPPLY
RD 2, Watsontown, PA 17777
717-538-5521

John Deere
"Between Season"
SPECIAL



Buy now and save!
No finance charges till March

Buy a new John Deere Riding Mower, Lawn Tractor, Lawn and Garden Tractor, or an 850 or 950 Tractor now and save.

Buy now and no finance charges will accrue until March 1, 1979

This between-seasons offer applies to any of the new equipment listed above And to any John Deere matched implement purchased with those products mowers, blades, dumpcarts, baggers, etc A small down-payment is required

See us now for complete details Offer expires February 28, 1979

ADAMSTOWN EQUIPMENT INC.
Mohnton, RD2, PA 19540 (near Adamstown)
Phone: (215) 484-4391

A. B. C. GROFF, INC.
New Holland, PA
Phone: (717) 354-4191

LANDIS BROS. INC.
Lancaster, PA
Phone: (717) 291-1046

Delaware Extension Service honors director, professionals

NEWARK, Del. - Delaware State Extension Director Dr. Sam Gwinn and six other individuals were recognized for their outstanding service during an awards ceremony at the Delaware Cooperative Extension Service's recent annual conference in Dover. The awards were presented by the Delaware chapter of Epsilon Sigma Phi, the National Honorary Extension Fraternity.

Gwinn, who has the longest service record as an Extension director among states in the Northeast, received the State Distinguished Service Award - the first person to be so honored in Delaware.

Born and reared on a farm in West Virginia, Gwinn began his career as a public school teacher in his home state but soon switched to Extension work. He came to the University of Delaware in 1948 as Sussex County 4-H agent, later becoming state 4-H leader and associate director. He has been director of the State Extension Service since 1962, and is well-known for his dedication to the Extension form of education, which he describes as "education through participation or helping people help themselves."

Also honored during the same ceremony were extension specialist in program development Betty Richardson - Outstanding New Agent Award; urban and county 4-H agents Michael Huff, Cheryl Huff, and Ernest Young and Betty Richardson - Outstanding Program Accomplishment Award; extension secretary Frances Bradley - Outstanding Extension Staff Employee; and University of Delaware mosquito research associate Robert Lake - State Friend of Extension Award.

Ms. Richardson, who joined the state extension staff in 1974 as a family living agent, was promoted in September 1977 to program development specialist, working out of the extension office at Delaware State College. She has been active in developing innovative youth and homemaking programs in both Kent and Sussex counties.

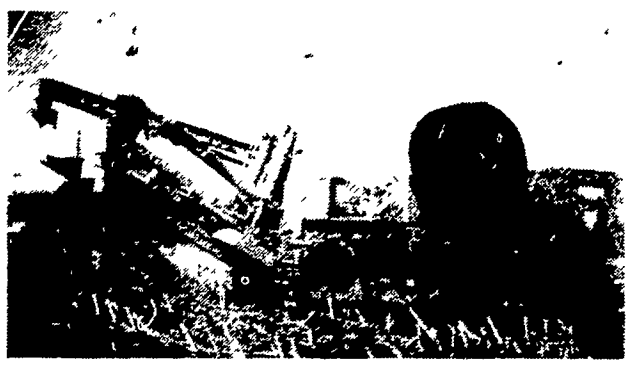
Michael Huff (urban 4-H agent, Wilmington), Cheryl Huff (4-H agent, Kent county), Ernest Young (4-H agent, Sussex county), and Betty Richardson received the Outstanding Program Accomplishment Award for their successful team effort in organizing a special weekend camp last summer on the campus of Delaware State College. Short term and low in cost, the camp hosted some 165 young people between the ages of 10 and 17, most of whom had had no previous camping experience. Among those attending were 20 migrant youth. The camp was run largely with volunteer help from Dover Air Force Base reservists and community residents.

Recipient of the Outstanding Extension Staff Employee Award, Frances Bradley, has devoted a large part of her 28-year career to the work of the extension director's office. Extension professionals and others who call on her services are well-familiar with her quiet, friendly efficiency. Lake, as a member of the University

(Turn to Page 95)

Honored by the Delaware Extension Service were, from left, University of Delaware mosquito researcher Robert Lake, Wilmington urban 4-H agent Michael Huff, Sussex county 4-H agent Ernest Young, Kent county 4-H agent Cheryl Huff, extension director Dr. Sam Gwinn, extension program development specialist Betty Richardson, and extension secretary Frances Bradley received awards for outstanding service during recent annual conference of Delaware Cooperative Extension Service in Dover.

WHY?
SHOULD I CONSIDER A FARM DRAINAGE INVESTMENT FROM COCALICO EQUIPMENT CO.
BECAUSE
THEY ARE LAND IMPROVEMENT SPECIALISTS USING ALL S.C.S. APPROVED MATERIALS
Call 215-267-8308
ASK ABOUT THEIR LASER BEAM GRADE CONTROL DRAINAGE MACHINE

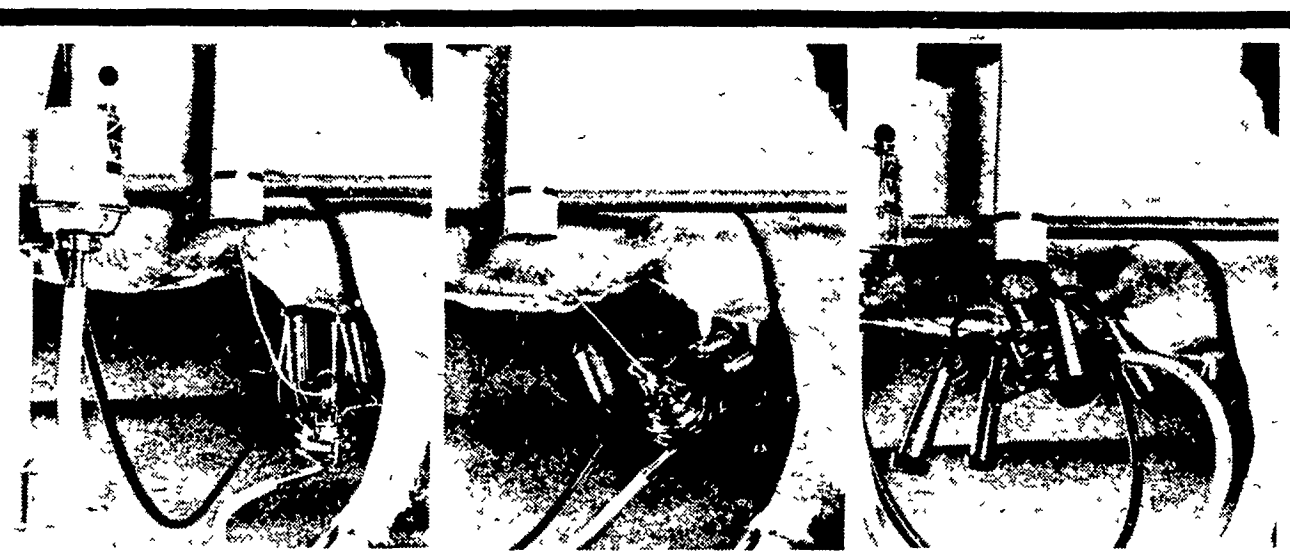


Drainage Pays High Returns

Investment	Typical Annual Return
Land Drainage	21-46% (d)
Farm Buildings	3-23% (d)
Farm Land	11% (e)
Stocks	7.4% (f)
Bonds	6 1% (g)

COMPARE
Even with the conservative figures shown above, it's obvious that land drainage should top farmers' lists of investment priorities.

COCALICO EQUIPMENT CO.
PENNSYLVANIA CHAPTER LICA
DRAINAGE & EXCAVATING
RD #3, DENVER, PA. 17517
(215) 267-3808



A new generation of dairy equipment ...available ONLY from your Authorized Surge Dealer.

The New SURGE VSO proves automatic take-off milking doesn't have to be expensive.

New, high capacity SURGE milking units that are big enough to do the job.

New, SURGE solid-state electronic pulsation with either alternating or single action pulsators.

Backed by Authorized SURGE SERVICE

When your Surge Dealer makes his scheduled Surge Maintenance call at your dairy, he is there to help you milk better and faster

After he has completed the specified Maintenance Service pay him what he says you owe If you are not entirely satisfied that his price is right and fair, send your bill to our Oak Brook office and we will refund every cent that your Surge Dealer charged you for labor

This applies to the labor charged for a service call under a Surge Scheduled Maintenance agreement as well as the charge for labor on any other regularly scheduled maintenance call

We have complete confidence in our Surge Dealer and so can you

For a complete line of Surge products and dependable service — Call your local authorized Surge Dealer.

We can make your cows worth more. SURGE

BRANDT'S FARM SUPPLY INC.
601 E. High St.
Elizabethtown, Pa.
Ph. (717) 367-1221

JIM'S SALES & SERVICE
Oak Bottom Rd., Box 37
Quarryville, Pa.
Ph (717) 786-1533

SHARTLESVILLE FARM SERVICE
RD1, Hamburg, Pa.
Ph. (215) 488-1025

DONALD UPPERMAN
Rt. 3 N. Franklin St
Chambersburg, Pa.
Ph. (717) 264-6007

LONGACRE ELECTRICAL SVC. INC.
Bally, Pa.
Ph. (215) 845-2261

PEN W. HOSTETTER
RD 2, Annville, Pa.
Ph. (717) 867-2896

BRICKERVILLE EQUIPMENT
Lester Boll, Prop.
Brickerville, Pa.
Ph. (717) 626-6198

Do soybeans respond to irrigation?

NEWARK, Del. - How well soybeans respond to irrigation is a question more and more farmers are starting to ask, as center pivot and traveling gun sprinkler systems continue to proliferate over the sandy fields of lower Delaware. "There's no doubt that growers can boost their corn yields with irrigation. But can they expect similar benefits when they put water on soybeans?" asks University of Delaware Extension Agronomist Dr. William Mitchell.

It's clear that soybeans do respond to different moisture conditions, points out the specialist. "We've all seen beans that were a total failure because of drought. In these cases, irrigation would obviously have helped." The trouble is, many farmers have also seen the other extreme, where soybeans were watered generously, producing nothing but lush growth, with no additional yield. Sometimes irrigated beans also grow so tall that they become top-heavy and lodge. Rather than boosting yields, this can actually reduce them.

In spite of these problems, some of the best soybean yields in the state have been recorded in years with heavy rainfall in late August and September. All of which suggests that timing of water application may be the critical factor.

At the recent Irrigation Conference in Georgetown, Delaware growers had a chance to hear a report on research being done in Nebraska which bears out the importance of timing when it comes to irrigating soybeans. According to this report, water applied too early in the season may lead to yield reductions because of lodging. It has also been known to encourage too much vegetative growth, without additional seed production.

This research suggests that there are two times to apply water during soybean development–at flowering and again at the bean enlargement stage. The most critical period appears to be towards the end of the growing season when beans are enlarging rapidly in fully developed pods.

The Nebraska work was done on deep soils that hold about twice as much available moisture per foot of soil as is common in lower Delaware, points out Mitchell. But since out there they only average 24-36 inches of rainfall per year compared to Delaware's 40-44 inches, it's not surprising that their dry land soybean yields range from 10 to 30 bushels an acre. This isn't that much different from those on the Delmarva peninsula where the average dry land yield for the past four years has been about 24 bushels.

On the other hand, irrigated beans in Nebraska can be counted on to yield 45 to 60 bushels an acre. Occasionally in Delaware, too, farmers who have irrigated beans or who have been fortunate to have ample rainfall to go along with good cultural practices, have produced 50 bushels and more. And at the 50-to-60 level, soybeans become an attractive crop to irrigate.

Based on the mid-west study, it appears that the principal demand for irrigation water on soybeans is mid to late August and September, as compared to July for corn. In this respect, notes Mitchell, the two crops are compatible, if a farmer wants to irrigate both. The agronomist also suggests that some growers might want to consider the possibility of growing irrigated soybeans following peas or snap beans.

As time goes on, Mitchell expects to see more Delaware farmers irrigating their soybeans. But, he cautions, the practice of growing only irrigated beans could lead to rather inefficient use of an irrigation system, since it might not be operated except for a brief period of six weeks or so at the end of the summer. By using soybean varieties from different maturity groups, it would be possible to extend the irrigation period somewhat, but not as effectively as can be achieved growing other crops in addition to soybeans.

Hedging workshop held

NEWARK, Del. - A workshop on hedging for Delaware farmers was held Wednesday and Thursday, December 20 and 21, at the Dover Inn-Best Western in Dover. According to University of Delaware extension crop marketing specialist Carl German, the workshop covered the mechanics of hedging as they apply to grain marketing. But principles covered were applicable to the marketing of "just about any commodity a farmer grows."

The Wednesday session started at 9 a.m. and lasted until 3:30 p.m. The Thursday session ran from 9 a.m. to 4 p.m. There was a $15 registration fee.

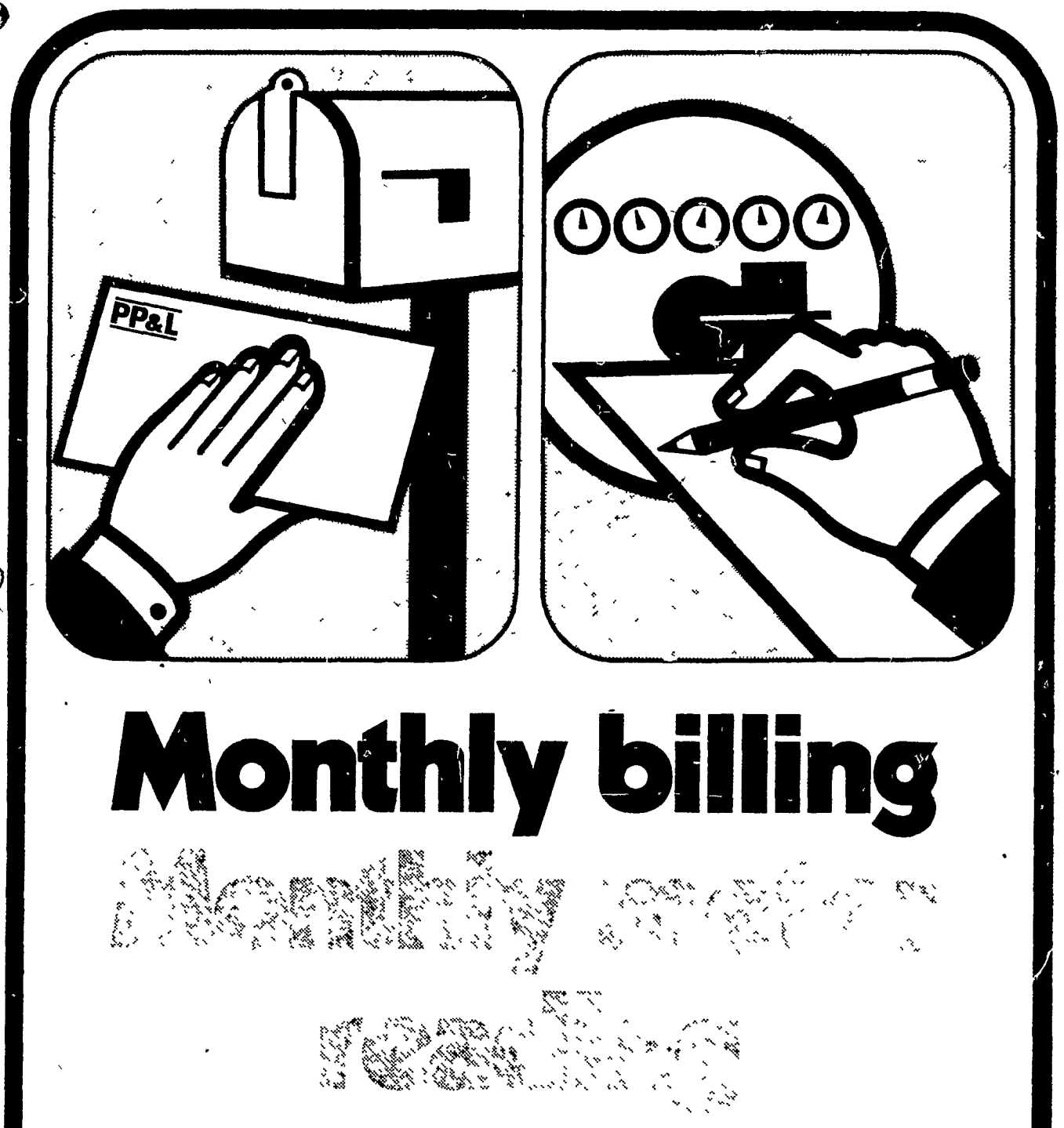
The workshop was sponsored by the Delaware Cooperative Extension Service

Extension

(Continued from Page 94)

of Delaware's entomology staff since 1962, has worked on the problems of mosquitoes and other biting marsh insects, sharing his expertise with the State's Mosquito Control Section as well as the Department of Health and Social Services. He received the State Friend of Extension Award in recognition of the many extension-related services he has provided Delaware citizens over the years.

Epsilon Sigma Phi is the national honorary extension fraternity. Founded in 1927, it is a society of extension service workers "who have demonstrated their commitment and dedication to the principles of extension education." The Delaware chapter was chartered in 1937. According to outgoing president Gerald Vaughn, "One of the fraternity's main purposes is to promote professionalism within the extension family."



Monthly billing

starting January 1979

The Pennsylvania Public Utility Commission has directed PP&L and other major electric utilities in the state to bill all residential customers monthly.

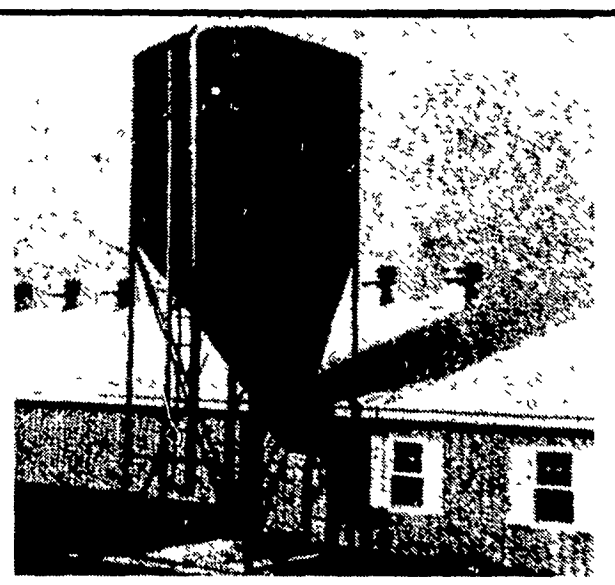
Therefore, starting in January, PP&L customers who have been billed every two months, will be billed once a month. For most residential customers with electric heat, monthly billing has been the practice and will simply continue.

In addition, PP&L has decided to read electric meters monthly instead of every other month. This means that unless unforeseen emergencies occur, such as severe weather conditions, monthly bills will always be based on actual meter readings. Even though this change is not a PUC requirement, PP&L believes it will be an additional convenience to customers.

Specific Customer Benefits

- Monthly billing can make household budgeting easier.
- Monthly meter reading offers a precise monthly record of kilowatt-hour electricity use and can aid in measuring results of energy conservation efforts.

PP&L



CUSTOM MADE FEED BINS

- Made of 14 Gauge Steel
- Longer Taper for Easier Flow
- All welded seams which make it water proof and rodent proof
- Can be installed inside or outside building
- Most installations can be made without auger.

WILL DELIVER AND INSTALL ANYWHERE

FOR FREE ESTIMATE CALL

STOLTZFUS WELDING

717-345-4854

We Sell, Service & Install

Bucket Elevators, Grain Augers, M-C Grain Dryers, Distributors, Pipes & Accessories.

Home-bred cows keep Jefferson Yoder on top

By DIETER KRIEG

ELVERSON — Jefferson Yoder is no ordinary dairyman. The Chester Countian makes that much obvious rather quickly. First of all, he has a DHIA herd average of 19,722 pounds of milk with a 4 per cent test and 795 pounds of butterfat. Secondly, he doesn't pay much attention to what the so-called experts off the farm suggest, and he won't necessarily follow the crowd either. Yoder, who has been milking cows for 22 years, is a man who makes his own decisions and follows his own path.

Also, Yoder proclaims that the dairy business is better now than it ever was. While many other dairy farmers might agree, not all will come right out and say it.

The most predominant evidence of Yoder's maverick approach to dairy farming is that he strongly favors his own bulls. He says a good dairy farmer can achieve significant improvement with his herd production if he uses bulls out of his own top cows, even if the top cow only produced 13,000 pounds of milk per year.

Neither Yoder nor his son, Carl, who works full-time with his dad, is quick with culling programs. Despite their just under 20,000 pound herd average, they'll keep a heifer which finishes with just 12,000 pounds of milk or less. They'll readily give her another year to improve, confident that she'll do just that. Their emphasis is on longevity.

"A 2-year old has to be pretty bad before we'll cull her," remarked Carl, "especially if she has good type or belongs to one of our best cow families." To emphasize his point, he asked: "How do you cull a cow you've fallen in love with?"

Most of Yoder's "Rocky Side Holsteins" are sired by home-bred bulls. He claims that all but a few have done quite well for him. Ironically, they're all given minus proofs when the U.S. Department of Agriculture analyzes the statistics. "But they're doing the job for us," Yoder laughed in defense, adding that he never pays attention to plus or minus ratings.

"We don't care if a bull is plus or minus," the younger Yoder agreed. "We just look at the bull's dam's production."

"We don't just want to see what is on paper, we like to see the bull's offspring, his dam, and granddams on both sides," his father added.

Yoder defends his own brand of breeding philosophy by claiming that neither Osborndale Ivanhoe nor Paclamar Astronaut - two of the all-time top sires of the Holstein breed - might have been kept if present

(Turn to Page 98)

Chester County dairyman Jefferson Yoder has won 12 Progressive Breeder Awards from the Holstein-Friesian Association of America, an achievement which distinguishes him as being among the best in the country.

Potato stocks are record high

WASHINGTON, D.C. — Potato stocks continue to be at record high levels, according to statistics furnished to **Lancaster Farming** by the United States Department of Agriculture. The estimated 219 million hundredweights in storage as of December 1 was up six per cent from a year ago, and record high for the date for the third straight year.

The record high stockpile came about even though the total in the seven eastern states, including Pennsylvania, was down by nine per cent from a year earlier. The count for those states as of Dec. 1 stood at 31.6 million hundredweights.

The potato inventory of the eastern states is the lowest for the region since 1973. The eight cental states' production, at 48.1 million hundredweight was up seven per cent over last year and the eight western states, at 139 million hundredweights, was up 10 per cent from a year earlier.

If you have fat cattle or need feeders ...

THINK NEW HOLLAND

BEEF SALES

MONDAY - 1:30 P.M.
THURSDAY - 11:00 A.M.

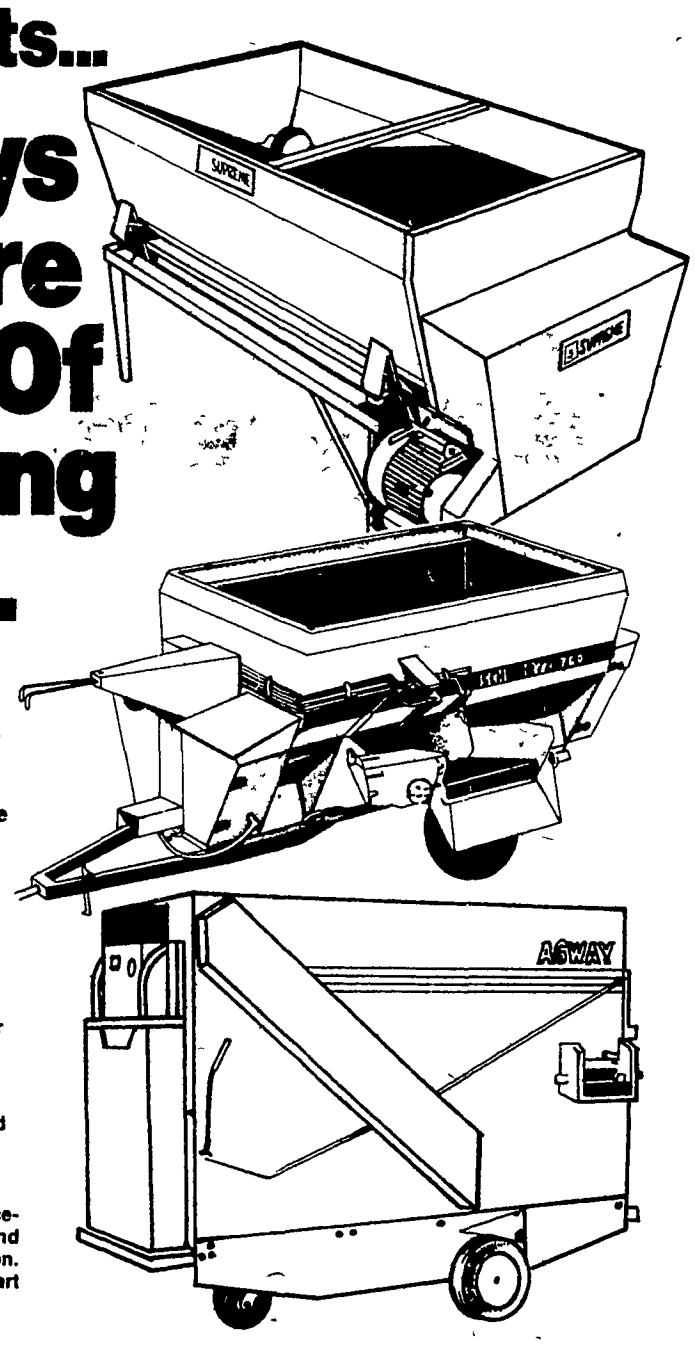
Sale Order - Fat Bulls, Steers, Stockers and Beef Cows
Veal Calves - 4:30 Thurs.

NEW HOLLAND SALES STABLES, INC.
Phone: 717-354-4341
Daily Market Report - Phone: 717-354-7288
Abe Diffenbach, Manager
Field Representatives - Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608

AGWAY

Agway Presents...

Three Ways To Get More Profit Out Of Your Feeding Program.



Feeding a total mixed ration (TMR) can help you increase milk production... and profits... without adding a single cow to the herd. Agway has the TMR feeding machines that let you accurately weigh and thoroughly mix forage, grain and supplements to deliver a balanced bite every time. There's a machine to fit almost any feeding setup.

Supreme Batch Mixer and Weigher for feedlots, freestall, or stanchion operations.

Schwartz Feeder Wagon perfect for drive-through freestall barns and feedlots.

Agway Model 780 Weigh-Mix Feeding Machine ideal for stanchions and tie stalls.

Your Agway Farm Systems and Farm Enterprise service-persons can help you develop a TMR and recommend the feeding system you'll need to match your operation. Make them a part of your management team and start putting more profit into your feeding program.

FARM SYSTEMS AND MECHANICAL CENTERS

CHAMBERSBURG
409 E. Grant St.
Chambersburg, PA
717-263-4197

TEMPLE SUPPLY CENTER
N. 5th St. Highway
Temple, PA
215-929-5264

CARLISLE
E. North St.
Carlisle, PA
717-243-4312

LANCASTER FARM STORE
1140 Dillerville Rd.
Lancaster, PA
717-394-0541

YORK WEST STORE
26 W. Market St.
York, PA
717-792-2674

AVONDALE SUPPLY CENTER
Junction U.S. 1 & 41
Avondale, PA
215-268-8238

DUBLIN
Rt. 313
Dublin, PA
215-249-3556

AGWAY

TANEYTOWN
Frederick St.
Taneytown, MD
301-848-3225

CHAPMAN STORE
RD 2
Wescosville, PA
215-395-3381

Agri-Lease®

ARE YOU BOTHERED BY PROFIT-ROBBING STARLINGS?

Starlings cost you big money in terms of feed wastage. 1,000 starlings consume at least $100 worth of feed (in addition to what they spoil) in a single winter. Flocks of many thousand birds are common.

Starlings are known carriers of a number of profit-robbing diseases including TGE (Transmissible gastroenteritis).

JOIN A STARLING CONTROL PROGRAM IN LANCASTER COUNTY USING

PURINA STARLICIDE COMPLETE

STARLICIDE ADVANTAGES:

- Pellet size is selective to starlings.
- Contains a painless, slow acting poison.
- Proven effective.
- Dead starlings are not dangerous to other animals. Only 10% of the lethal compound is retained in the starling body.
- Use levels of the product are low.

SUGGESTED CONTROL PROGRAM:

- Order Starlicide now for delivery in early January.
- Bait with Starlicide on the 2nd day following a snow on frozen ground. Best results are obtained when all producers in an area bait on the same day.

ORDER STARLICIDE NOW FROM MEMBERS OF:

SOLANCO FFA
LAMPETER-STRASBURG FFA
PENN MANOR FFA
LANCASTER COUNTY PORK PRODUCERS
OR CONTACT: WEST WILLOW FARMERS ASSOCIATION
717-464-3386

Home-bred cows

(Continued from Page 96)

proof standards had been applied to their pedigrees. The sires of both those distinguished bulls had minus proofs. Ivanhoe's sire, was -69 for milk and +16 for butterfat. Astronaut's sire was -1069 for milk and -51 for butterfat. Ivanhoe and Astronaut themselves, however, became phenomenally useful in their own right.

"We don't select an A.I. bull on the basis of predicted difference. We select according to what we feel will do the job for us," Carl said. Whether it's a bull of their own, or one at a stud, choices are based on production, high butterfat test, and type, with special emphasis on feet, legs, and udders. Despite their own bulls' negative proofs, the Yoders claim their own sires are outproducing and outclassifying many of the high Predicted Difference bulls around the country.

While Yoder leans heavily towards the use of his own bulls, he is not at all opposed to the A.I. industry. He does, however, disagree with rating systems. He agrees that handling a bull requires extra caution, and has kept that in mind in his own program.

Nearly all of the heifers at Yoder's "Rocky Side Farms" are bred naturally. He estimates that about 60 per cent of his cows are bred artificially. He selects his sires by the "eyeball method," screening not only performance records, but their appearance and their offspring's and dam's appearance as well.

(Turn to Page 99)

Carl Yoder, like his father, believes in following a path which best suits their operation, rather than follow just any trend.

Although Jefferson Yoder had his life on the farm interrupted for about 10 years, he began farming with this plow when he was 16 years old.

ELMER M. SHREINER
T/A
Good's Feed Mill
R.D.1, NEW PROVIDENCE, PA. FULL SERVICE DEALER
pennfield feeds
NOW HANDLING:
PENNFIELD FEEDS — MOPRO-LIQUID PROTEIN — AND A COMPLETE LINE OF ANIMAL HEALTH PRODUCTS AND SUPPLIES.
ROUTE SERVICE AVAILABLE
ANIMAL HEALTH PRODUCTS
AND FARM & GARDEN SUPPLIES
CALL - 717-786-2500 FOR HOME DELIVERY
WITHIN 25 MILE RADIUS OF QUARRYVILLE
SALESMAN: JOHN BRECKBILL

HONEY BROOK MOLASSES
Baking Molasses
Table Syrup
Blackstrap Molasses
Honey
NOW AVAILABLE
HAND CRANK MOLASSES PUMP
Designed for Use with 55 Gal. Drums
★ WILL PUMP MOLASSES OR SYRUP FOR HOME OR LIVESTOCK.
Livestock Molasses
AVAILABLE FOR:
• Cows • Horses • Sheep
• Goats • Hogs • Chickens
★ Liquid Feeding Cane Molasses
★ Honey Brook Brand Dried Molasses
★ Z Brand Dried Molasses
ZOOK MOLASSES CO.
West Main St., Honey Brook (215) 273-3776

HERE'S THE 015.
HERE'S WHY IT'S A STIHL®.
1. A high voltage ignition system and an efficient combustion chamber means it'll start work when you do. Every time.
2. A "no-thumbs," fully automatic chain oiler lets you concentrate on cutting. Not oiling.
3. Hot chamber magnesium die-casting makes the housing tougher. And the whole saw lighter.
4. Balanced fuel and oil tank capacities keep you from having to refill one when there's still plenty in the other.
5. It's been designed to last at least twice as long as any other saw like it.
6. And by lasting twice as long it'll really only cost about half as much.
AND HERE'S THE BEST PLACE AROUND TO GET IT.
CHECK OUR LOW, LOW PRICES!
STIHL®
The world's largest selling chain saw.
★ WE HAVE A LARGE STOCK OF PARTS
SHADY MAPLE LAWN & GARDEN CENTER
AT JOHN L. STAUFFER REPAIR SERVICE
GOODVILLE, PA PH: (215) 445-6175

Home-bred cows

(Continued from Page 98)

Rather than be satisfied with what he sees in sire catalogs, or magazines, Yoder will frequently go to farms and bull studs to study the animlas in question personally. "I want to see a bull's daughters," he remarked during a conversation in the family's thick-walled stone house. "We don't just go by pictures."

"We like to keep a cow as long as we can," Yoder continued. "We're looking for a good, sound, type cow. The older cows, he says, are the ones which "bring home the bacon."

"It doesn't matter how well you feed a cow, or how well you take care of her, if she isn't genetically bred to produce, you might as well forget it," the award-winning dairy farmer opinionized. Breeding is where the Yoders place most of their emphasis, but they don't neglect feeding and management either. Among their rules for top production one might include high quality feed, a regular feeding and milking schedule, and good health care.

Yoder's herd of 60 milking-age Holsteins boasts a classification average of 104.8 per cent B.A.A. Type is strongly considered in breeding and culling programs, the Yoders admitted. While they might keep a heifer which is a low producer, they will not keep one which is lacking good, functional type, regardless of her production.

The Yoder herd's classification score is one of several factors which are considered annually for Progressive Breeder Awards. Yoder has won 12 of them. The Holstein-Friesian Association of America sponsors the recognition. Progressive Breeder Awards require meritorious official production records, a classification average of at least 102 per cent B.A.A., herd health accreditation, state and national Holstein association membership, 75 per cent or higher home-bred herd, and up-to-date registries.

The Yoder family has numerous handsome award placques on several walls of the house. They're into Holsteins in more ways than one. This Fall, Yoder's wife, Reba, got the idea of making a quilt which is adorned with a drawing of the True Type Holstein cow. A friend, Mrs. Mary Jane Stoltzfus, did the artwork. They hope to have it completed in time for the Pennsylvania Farm Show. In February they'll display it at the Pennsylvania Holstein Association Convention, to be held in Reading. Plans are that the quilt will be sold at auction.

Yoder, who was born and raised on a Mifflin County dairy farm, came to Chester County during World War II to help his older brother, Raymond. In 1948 he headed West to help with the small grain harvest. That was followed by eight years of truck-driving.

After purchasing his first farm and 11 purebred heifers in 1953, he devoted a portion of his time to farming. Three years later he dove into it full-time. He remembers being the last man on the D.H.I.A. list that year, but came up rapidly in subsequent years and has been at or near the top for the past decade. "I had a 360 pound

(Turn to Page 100)

Yoder, who began dairy farming full-time in 1956, remembers being a the bottom of the D.H.I.A. list that year. He has been at or near the top for the past decade. His 1978 D.H.I.A. average stands at 19,722 pounds of milk and 795 pounds of butterfat. He credits his own bulls for much of the advancement.

CONCERNED WITH PRODUCT QUALITY?

ANNOUNCING 1978 PENNA.
FERTILIZER TEST RESULTS

70 TESTS - 3 DEFICIENCIES

The following deficiency was our most serious for 1978:

	GUARANTEED	FOUND
Available Nitrogen	26%	24.74%
Available Phosphoric Acid	6%	8.10%
Soluble Potash	15%	17.66%
TOTALS	47%	50.5%

CALL US - DATA CAN BE VERIFIED BY PA. DEPT. OF AGRICULTURE.

QUALITY YOU CAN DEPEND ON!

CHEMGRO

FERTILIZER CO., INC.
STATE ST., BOX 218
EAST PETERSBURG, PA. 17520
PHONE: 717-569-3296

The Jefferson Yoder family is very much into Holsteins. This is the beginning of a quilt Mrs. Yoder, left, is making for display and sale at the Pennsylvania Holstein convention, to be held in Reading in late February. The art work was prepared by Mrs. Mary Jane Stoltzfus, right.

Home-bred cows

(Continued from Page 99)

butterfat average that first year," he recalled.

Ten years ago the Yoders moved to their present location, just east of Elverson in northwestern Chester County. Although the home farm consists of only 85 acres, they have since purchased an additional 700 acres. Counting rented ground, they farm a total of 1200 acres.

Yoder stables his cows conventionally. They're tied in inverted "V" stalls and milked with four pipeline milkers. The ration consists of high quality alfalfa or mixed hay, silage and a 16 per cent protein feed that is supplied by the F.M. Brown Co. of nearby Berks County. The grain is fed at a ratio of one pound per three pounds of milk.

Yoder estimates he feeds 14 pounds of hay per cow per day. It's offered the year around. Silage is fed at the rate of 35 pounds per cow per day, (except dry cows). All feedstuffs are totally natural.

Dry cows receive about five pounds of grain per day, each, plus hay. "I like to get them in pretty good condition when they're in the latter part of the lactation," he added.

Although the herd is checked for problems on a regular basis, Yoder finds that breeding difficulties are his number one management concern. According to D.H.I.A. statistics, he last year boasted a figure of 90.1 per cent cow-days in milk. On occasion he has trouble with mastitis flareups.

With 500 acres of meadowland, the Chester Countian allows his cows to graze all day and night during warm seasons. During the Winter they're stabled continuously, except for one hour of exercise following the morning milking.

To sum up his philosophy on high production, Yoder recalls the words of a Berks County Dutchman who said: "First we breed, then we feed, and then we weed."

"I think that sums it up pretty well," concluded Yoder.

In 1925 Lum Pao-Hwa of China played 764 games of tennis in one week.

DOUBLE STRENGTH FOR DOUBLE DUTY

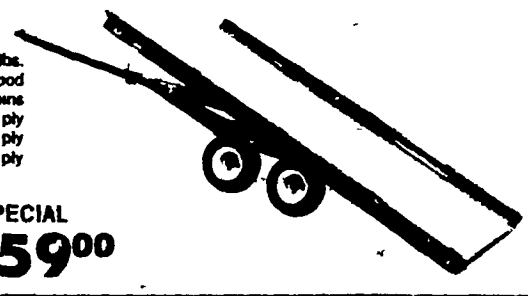
E. Z. SNOWMOBILE TRAILER

A TILT-BED HEAVY DUTY TANDEM FOR ALL SEASONS

For an all-around garden equipment and general utility trailer, you can't beat this husky, handy tilt-bed unit It features hydraulic tilt-dampening to aid in handling heavy loads, a big 10' long, 6' 2½" wide bed, adjustable hitch and snap Spare tire and mount optional Big 2,000-lb capacity (When ordering, please specify tire size)

Specifications for Model 2000GE Trailer

Capacity	2,000 lbs.
Deck	6' 2½" wide, 10' long, plywood
Hitch	1 7/8" with 2 safety chains
Tires (specify)	4 80/4 00 x 8, 4 ply 5 70 x 8, 4 ply 16 x 6 50 x 8, 6 ply



Also available 7' width or 12' lengths

SPECIAL $659.00

Here's the big one!

MODEL 4P 2000
16 ft. long tilt bed to handle loads like 4 snowmobiles!
$659.00

MODEL 1200
8 ft. tilt bed trailer to haul 2 snowmobiles!
$289.00

LAWN CARE OF PA.

Sales & Service
Martindale, PA 17549
1 mile north of Martindale on Grist Mill Road
Ph: 215-445-4541

Mon., Tues., Thurs., Fri. 8 to 8
Wed. 8 to 5
Sat. 8 to 2

A little out of the way .. but a lot less to pay.

BROWNSTOWN AGRI LOAN CORP.

FARMERS ARE OUR ONLY CUSTOMERS — SO WE TREAT THEM WITH SPECIAL CARE!

- Exclusive Lending To Farmers
- Dependable Source Of Funds
- Personal Service On Farm Or In Office
- Confidential Service
- Terms To 7 Years
- Repayment Schedules To Meet Farm Income

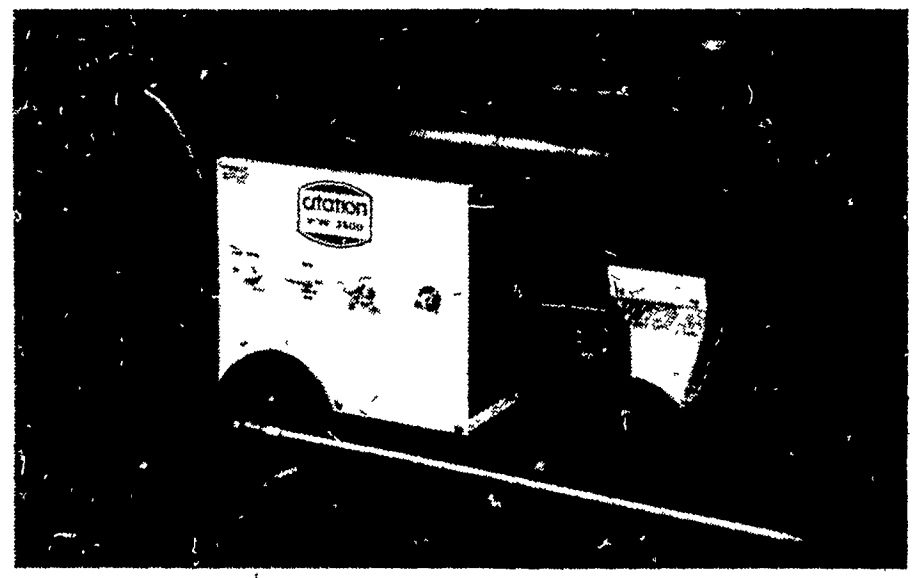
Serving Lancaster and Lebanon Counties.

BROWNSTOWN AGRI LOAN CORP.
Brownstown Nat'l. Bank Building
Main & State Sts., Brownstown, Pa. 17508

Call or Visit:
BOB ZOOK
717-656-2951

CITATION

HOT HIGH PRESSURE WASHER



Citation engineers created the "Ultimate" high pressure hot water washers when they designed the Model 3000 and 3500 cleaning machines The simple and efficient horizontal coil and firebox concept spells low cost in purchase and economy in operation for the consumer The units incorporate a large chemical tank, 3-way selector valve and calibrated stainless steel metering valve. They discharge 240 GPH at 1000 PSI up to 160° F rise Pressure and volume is developed, as recommended by the manufacturer, from a stainless steel Triplex CAT® pump! The 3000 and 3500 are available in oil-fired versions only

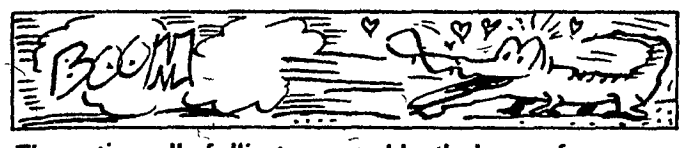
Discharge rate	240 GPH
Discharge pressure	1000 PSI
Units of cleaning energy*	240,000
Temperature	160° F rise
Coil	168 Ft 7/8" O D Schedule 40
Burner	380,000 BTU, automatic, oil fired w/fuel filter & solonoid valve, UL approved
Fuel tank (oil)	8 gallons
Fuel	Kerosene or No 1 fuel oil

Pump	CAT®, Tri-plex, stainless steel
Motor	3 HP electric, 220 volt, single phase
Discharge hose	3/8" x 40 ft , 9,000 PSI burst rated
Discharge gun	(Model 3000) straight through hand wand
Discharge gun	(Model 3500) trigger type w/extension wand
By-Pass	(Model 3500 only) Spraying Systems
Nozzles	(3) #8 5, 0°, 15°, 40° stainless
Portability	4—2 75" x 10" rubber wheels
Dimensions	L-60" H-36" W-28"
Shipping weight	600 lbs

*Volume x Pressure

ALL SIZES TO CHOOSE FROM IN STOCK

GRUMELLI FARM SERVICE
RD 2, QUARRYVILLE, PA 17566
PHONE 717-786-7318



The mating call of alligators resembles the boom of a cannon.

Range grasses on test do well in Pa.

UNIVERSITY PARK – Warm-season range grasses, uncommon on eastern beef cattle farms, can produce high yields of mis-Summer forage in Pennsylavnia on low rates of fertilizer, it was reported December 7 during the 70th annual meeting of the American Society of Agronomy in Chicago, Ill.

Dr. Gerald A. Jung, agronomist with the U.S. Regional Pasture Research Laboratory at the Pennsylvania State University, said a team of scientists is evaluating warm-season grasses for adaptability to different soils and climates, for establishment characteristics, and for the potential to grow beef cattle.

In grazing trials in western Pennsylvania, palatability of warm-season grass forage by beef cattle generally has been very good, Jung claimed. Little bluestem has been favored most, and indiangrass the least. The lower portions of switchgrass stems were not readily grazed by cattle, whereas they were for bluestem. Big bluestem and switchgrass have been evaluated additionally on beef cattle farms in western Pennsylvania -- in Washington, Butler, and Crawford Counties.

In southwestern Pennsylvania, warm-season grass pastures provided about 155 cow grazing days per acre each year – 86 during July and August – over three consecutive years. Stands of many of these warm-season grasses are still very good, Jung commented.

Over the 3-year period, blackwell, Carthage, and Ky 1625 switchgrass each produced an average annual yield of more than 10,000 pounds per acre. The warm-season grasses were grown in combination with volunteer cool-season grasses and legumes. Especially significant was the fact that 65 to 75 per cent of the total yield was available in mid-Summer and was produced at low soil fertility levels – ph 5.3, low phosphorus, and no applied nitrogen.

Dry matter yields in July, totaled over the 3 years, exceeded 26,000 per acre for Carthage and Ky 1625 switchgrass, and Ny 1145 big bluestem. But only about 60 to 65 per cent of these switchgrass and big bluestem yields are available to cattle when an 8-inch stubble is left for regrowth, it was pointed out.

Yields decreased 36 per cent the third year without the use of fertilizers but not with small amounts of applied phosphorus and nitrogen. Despite the productivity of warm-season range grasses at low fertility levels, this indicated there is a limit below which the yields will decrease. Jung indicated additional research is underway to better define these fertilizer needs. After establishment, 20 grass pastures were grazed each year in mid-May, late July or mid-August, and late October to early November. Two grazing periods in mid-Summer were selected to determine the effect of delaying grazing from July 24 to August 11 on yield and cow-grazing days, forage utilization, and on-stand persistence.

Close grazing was permitted in Spring and Autumn but not in Summer. close grazing of the tall-growing, warm-season grasses almost always results in loss of stand, it was noted. The Penn Staters removed the cattle from pastures in summer when a stubble of about 8 to 10 inches remained on the switchgrass stands for summer regrowth. At this time the cattle usually had grazed the other warm-season grasses to a shorter stubble.

In 1978, 50 pounds of phospate were applied per acre in the Spring and 50 pounds of nitrogen in early June.

Hay yields were most encouraging, Jung said. The yields included 2.6 tons of hay per acre for Carthage and Ky 1625 switchgrasses, 2.5 tons per acre for Blackwell switchgrass, 2.1 tons per acre for NY 1145 big bluestem, and 1.5 tons per acre for NY 40067 switchgrass.

Stands of Kaw big bluestem, caucasian bluestem, and Midland bermudagrass were not as persistent as were the other grasses under conditions of low soil fertility. These grasses were among those responding most to nitrogen fertilizer. for example, caucasian and bermudagrass yields more than doubled at an 80-pound level of nitrogen.

The project involves scientists with the U.S. Soil Conservation Service, in addition to agronomists at Penn State. Serving with Jung on the research team are Drs. C.F. Gross, R.E. Kocher, L.A. Burdette, and W. C. Sharp.

JOHN DEERE COMPANY

JOHN DEERE PAYS YOU TO ORDER 1979 TILLAGE OR HAY TOOLS IN 1978:

Get up to $900 in John Deere dollars plus a tax credit

Order any new John Deere equipment listed below before the dates specified and you'll earn from $75 to $900 in John Deere dollars you can exchange for goods or services at our store And we'll give you our best deal on the new tool

What's more, equipment ordered from our lot before 1978 ends can mean big savings via investment tax credit

BUYER BONUS IN JOHN DEERE DOLLARS FOR ORDERS SIGNED THROUGH

EQUIPMENT	JAN 31, 1979	APR. 30, 1979
DISKS:		
100 Integral	$75	$50
110 and 111	$125	$75
210	$200	$125
310 340 and 1630	$275	$150
220 230 350 440 1640	$350	$200
330 331 and 360	$500	$300
370	$900	$550
CHISEL PLOWS		
1608M Integral 1608R Drawn Rigid 1610 Integral Rigid 1610 Drawn Rigid (11-foot) 1611R Drawn Rigid	$100	$75
1620 Drawn Flexible 1623 Drawn Flexible (23- to 27-foot)	$200	$125
1610 Drawn Flexible (23-foot) 1610 Drawn Rigid Folding (19-foot)		
1623 Drawn Flexible (29 to 41-foot)	$300	$175
1610 Drawn Flexible (29 to 37-foot)	$400	$250
1650 Folding	$900	$550

EQUIPMENT	FEB. 28, 1979	JUNE 30, 1979
BALERS:		
336	$200	$125
346 and 410	$300	$175
466 and 510	$400	$250
MOWER/CONDITIONERS:		
1207 and 1209	$250	$150
1214	$350	$200
1380	$400	$250
MOWERS:		
350 and 450	$75	$50
RAKES:		
567 650 and 660	$75	$50
670 and 671	$100	$75
CHOPPER:		
16A	$175	$100
SHREDDER:		
27	$200	$125
WINDROWERS:		
800	$450	$275
830	$600	$350
2280	$900	$550

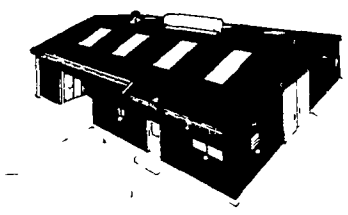
This offer is subject to equipment availability

JOHN DEERE

ENFIELD EQUIPMENT INC.
Whiteford, Md. 21160
Phone: 301-452-5252

VERNON MYERS, INC.

STEEL BUILDINGS & GRAIN STORAGE
R.D. 4 - Box 845
Lebanon, Pa. 17042
Phone: (717) 867-4139



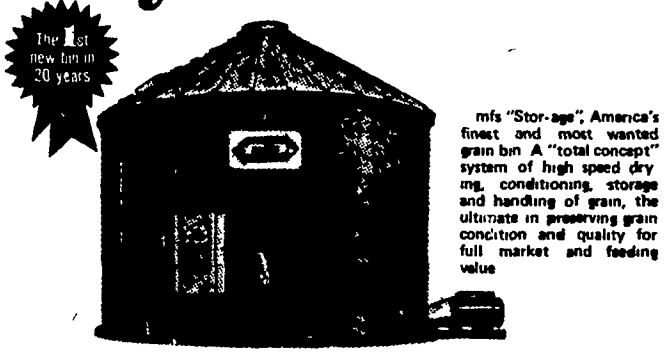
mfs Stor-Age

a wise investment in your future

SEE OUR EXHIBIT AT THE FARM SHOW EAST BUILDING

WE ALSO SPECIALIZE IN BUCKET ELEVATORS, DRYERS, AUGERS

FACTORY AUTHORIZED DISCOUNTS NOW IN EFFECT



mfs "Stor-age", America's finest and most wanted grain bin A "total concept" system of high speed drying, conditioning, storage and handling of grain, the ultimate in preserving grain condition and quality for full market and feeding value

INVEST IN GRAIN STORAGE NOW WHILE PRICES ARE AT THEIR LOWEST AND DISCOUNTS --- AT THEIR HIGHEST.

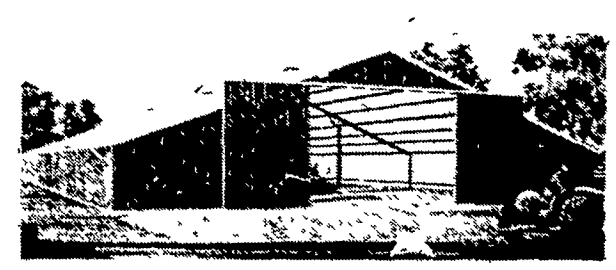
LARGEST DISCOUNTS EVER OFFERED!!!

1. Early Order Discount
2. Volume Discount
3. CASH Discount

SAVE $$$$$$$

. . . becomes an even better investment when you can also save money in the process. And, the savings are big when you take advantage of the mfs "Stor-age" Early Order Discounts, now in effect. Order now-take delivery later-be prepared for all your future storage and drying needs. See your nearest mfs dealer for complete information and free systems planning services.

COMMERCIAL and AGRICULTURAL BUILDINGS
WE OFFER COMPLETE ERECTION ON ANY SIZE OR STYLE BUILDING



Mail Coupon Today!

☐ SEND STEEL BUILDINGS LITERATURE
☐ SEND GRAIN STORAGE LITERATURE

NAME _____

ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE _____

Deer blamed for lack of forest development

UNIVERSITY PARK – Tree regeneration of some kind almost always develops following a forest disturbance in the temperate eastern United States. Almost always, that is. Occasionally, ecological balances are disrupted in such a way that natural regeneration failures become a serious problem. Such is the case in many parts of Pennsylvania today.

This lack of natural regeneration threatens the very future of our Pennsylvania forests. A survey of 65 timber cuttings made in northwestern Pennnsylvania between 1968 and 1971 revealed that satisfactory natural regeneration was developing in only 35 (54 per cent) of them. The remainder contained few tree seedlings. Some areas were developing into open savannahs dominated by ferns, grass, goldenrod, and aster. Once established these plants may produce substances which inhibit tree seedling establishment, tending to perpetuate the open treeless area.

Similar conditions exist in areas of central Pennsylvania where repeated insect defoliations have killed the overstory trees over extensive areas. Few seedlings are regenerating on these areas, and herbaceous plants promise to dominate there too.

Numerous experiments conducted over the past eight to 10 years have shown that excessive browsing by deer is the primary factor responsible for these regeneration failures. Fences to exclude deer were erected on about 40 cutover sites on the Allegheny National Forest in northwestern Pennsylvania and the Pocono area of northeastern Pennsylvania. Regeneration was measured inside and outside of the fences at all locations. Of those failing to regenerate outside the fence, 85 per cent regenerated satisfactorily when deer were excluded. So at least 85 per cent of the failures can be attributed directly to deer browsing.

Actually, this is a conservative estimate, because these fences were erected after cutting, while deer browsing occurs on understory seedlings before cutting as well. Other experiments have shown that these advance seedlings are very important in determining regeneration success. If advance seedlings are lacking, regeneration may fail even when protected against browsing. So browsing that occurs before cutting reduces the potential for an area to regenerate. To demonstrate the full impact of deer browsing, fencing would have to be erected 10 to 15 years before cutting to allow advance seedlings to develop naturally.

Where regeneration fails to develop naturally, it is standard forestry practice to plant seedlings or sow seeds to establish a new forest. Unforfortunately, deer damage to artifically established seedlings is even more severe than to natural seedlings. Planted seedlings that have been fertilized in the nursery are especially nutritious, and deer walk down the rows to eat each and every one. We cannot afford to plant or seed the tens of thousands of seedlings per acre that are normally expected in natural regeneration. Planting 6 feet apart results in only about a thousand seedlings per acre, and deer can consume these few seedlings in a very short time.

Many techniques have been tested to protect seedlings from deer browsing. Chemical repellents of many kinds have been sprayed on seedlings to keep away, but none have been found effective in areas of high deer population. Apparently hungry deer will put up with the unpleasant taste or odor when there is little else for them to eat.

The only protection that has proven effective is a fence of some type, either to surround an entire regeneration area, or as a cage around individual seedlings. An 8-foot-high fence is required if a large area is being fenced; costs of such fencing run $250 per acre or more. Attempts to develop cheaper techniques using plastic materials or outrigger or electric-shock designs have either not been effective or have not reduced costs appreciably.

Researchers have also tested various cages of wire or plastic mesh, to protect individual seedlings. The most effective is a plastic tube five to six feet high, that protects the seedling until it grows out the top, by which time it is above the reach of deer. But these cages are also expensive – about $2 per seedling. If more than 100 are used per acre, fencing is usually cheaper and gives better results.

One technique foresters are using to minimize deer damage is fertilization. In areas where seedlings are present but being browsed severely by deer, an application of nitrogen fertilizer will stimulate rapid height growth of three to four feet per year, so that seedlings grow out of the reach of deer in a couple of years rather than the five or six years normally required. Although no guarantee that seedlings will escape fertilization does reduce the damage considerably, and can be applied by helicopter for less than $100 per acre. Where it can be used, it is a better investment than fencing.

But even $100 per acre is a formidable investment when

(Turn to Page 103)

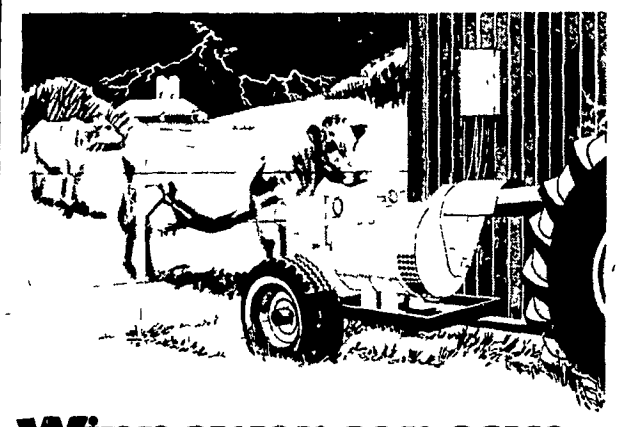
ALL AIR-COOLED DIESEL ENGINES ARE NOT CREATED EQUAL.

It's easier to call an engine "heavy duty" than it is to build it that way Superior performance and long life are the result of special alloy heads, integral lube coolers oil-cooled pistons, and the Deutz highly efficient axial-flow cooling blowers These features plus 100% direct air-cooling result in substantial fuel savings — 20 to 40% according to users — and far less pollutants Deutz air-cooled diesels — 5 to 500 bhp

DEUTZ®
AIR-COOLED DIESELS

• We stock rebuilt: starters, generators, injectors, for Deutz
• We have complete road service since 1955
• We supply free application engineering
• We have facilities for any mechanical fabrication required to apply new Deutz diesels

STAUFFER DIESEL, INC.
312 W. Main St. New Holland, PA
Ph: 717-354-4181
Retail, Wholesale & O.E.M. Sales



Winpower can save the day in the land of milk and money.

When power lines go down, so do your milking machines, coolers and feed and watering systems. The financial loss can be crippling.

Why risk it, when you can own your own electric company ... a Winpower tractor driven alternator? It provides immediate power to keep all of your electrical systems running smoothly. You can even use it in remote field locations.

Your Winpower representative has a wide variety of tractor and engine driven models to choose from.

MARVIN HORST
1950 S. 5th Ave.
Lebanon, PA 17042
717-272-0871

AL MAURER
Box 78
Cambra, PA 18611
717-864-3135

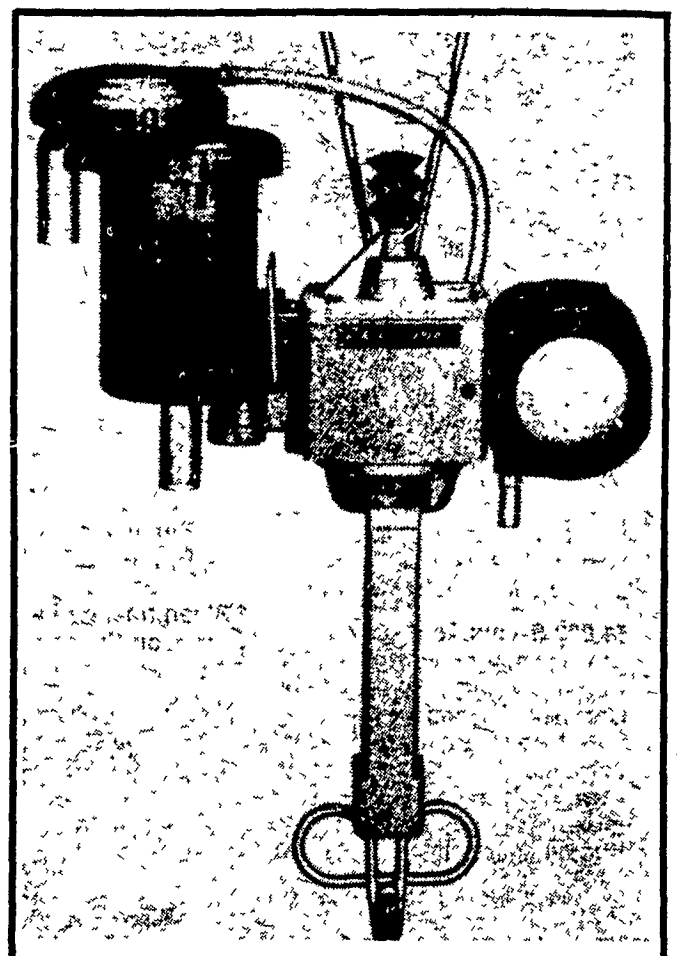
WAYNE OLVER
Damascus, PA 18415
717-224-4169

JAY RICHWINE
528 Hogestown Rd
Mechanicsburg, PA 17236
717-766-4382

BOB SWANSON
Kennett Square, PA 19348
215-444-5610

Ask The Powerhouse.

WINPOWER CORPORATION



The DeLaval DV 300™ Milker

CAN BE USED WITH PARLOR, PIPELINE OR PAIL UNITS

FEATURES AND BENEFITS:
• Automatic, Flow-Controlled Milking
• Proven Dependable
• More units can be operated per man
• More cows can be milked per man hour
• Easy Maintenance
• Cleans in place
• No voltage hazard — completely vacuum operated
• Transparent, US Public Health approved flow sensor makes inspection simple
• Low cost of installation
• Flexibility — parlors or stanchions; new system or upgrade; with or without weigh jars, high or low line installations; adjustable pulsation ratios, more units easily added any time
• Compact — Lightweight — Easy to Handle
• Rugged, durable construction
• Gives each cow the individual attention she deserves

IN STOCK FOR IMMEDIATE DELIVERY....
★ FREE 2 WEEK TRIAL!

VACUUM UNEVEN?
New DeLaval Servo Controller
Now in Stock
Call For Installation Today.

J. B. ZIMMERMAN & SONS
West of Blue Ball, PA. on Route 23
717-354-4955

Deer

(Continued from Page 102)

applied over thousands of acres of forest land, especially when the crop of timber resulting from this investment will not be harvested for 80 or more years. A landowner could put that $100 in the bank and earn about $5000 interest in 80 years, far more than the timber will be worth.

Since natural regeneration develops successfully in spite of deer browsing on some areas, foresters are learning how to recognize these areas in advance and restrict their cutting to them. Stands that regenerate successfully usually contain large numbers of advance seedlings beneath the overhead canopy before cutting, and do not contain interfering plants such as grass, ferns, striped maple, and beech root suckers. Foresters estimate that 35 to 40 per cent of the northern forest falls in this category.

Some stands that lack interfering plants, but do not contain adequate numbers of advance seedlings can be treated by a technique called shelterwood cutting. This involves a carefully-planned sequence of several cuttings, the first of which opens the crown canopy to provide additional sunlight and mositure for new seedlings to get started while maintaining enough shade to keep seedlings small and relatively unattractive to deer. When adequate numbers of seedlings are established, the remaining overstory can be removed as before and the seedlings then quickly grown out of the reach of deer. An additional 20 to 25 per cent of northern forest can be treated in this way to get successful natural regeneration.

Unfortunately, the remaining 40 to 50 per cent of the forest area in northern Pennsylvania cannot be regenerated successfully by either technique, and many years of research suggest that no silvicultural technique is likely to succeed on these areas until the deer population is brought into better balance with its habitat.

Even on the areas where natural regeneration can be obtained successfully, deer browsing has an impact. For one, the need to get seedlings to grow quickly above the reach of deer limits silviculture to even-aged techniques such as clear-cutting and shelterwood regeneration cuttings. Single-tree selection and group selection cuttings – which some landowners prefer because they retain a more natural, untouched appearance – cannot be used. And even where successful regeneration occurs after clearcutting or shelterwood cutting, the stocking level may be reduced, the length of time required to establish the stand may be extended, or the proportion of the most valuable species may be reduced as a result of deer browsing.

The only long-term solution seen is bringing the deer herd into better balance with its habitat and with other forest resources. The Pennsylvania Game Commission, state and federal forestry organizations, and forest industry are working to bring this about in a manner that fully recognizes the value of the deer herd as well as the other resources. Additional research to define the optimum deer population level recently was started. Attempts to concentrate hunters and reduce deer populations in areas of heavy damage are being initiated.

The potential benefits of this program are many. Not only will forest regeneration be assured, but cover and food for other types of wildlife – grouse, rabbits, hares, squirrels, and turkey - - will be improved. And deer themselves will benefit from the improved nutrition - with larger size and better antler development.

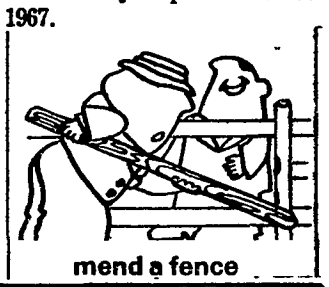
Of course, lower deer populations could mean somewhat lower hunter success, but the full impact is not completely known at this time. Improved nutrition should increase the number of fawns born to each doe. Thus, a considerable reduction in the overwintering deer population would be obtained by increasing the doe kill in the fall. A high birth rate in the spring could maintain an acceptably-high population for hunting, and at the same time reduce the population appreciably over the winter when much of the browsing damage occurs.

In any case, the cooperation and understanding of those parties interested in deer and those responsible for tree regeneration will be required to solve this natural resource problem in a manner fair and equitable to all. The solution must provide full recognition of all of the resource uses of our forest lands.

This material was prepared by Dr. David Marquis, Project Leader, Northeast Forest Experiment Station, U.S. Forest Service, Forest Sciences Laboratory, Warren, PA.

Farm productivity up

WASHINGTON, D.C. – Administration inflation fighters might examine data on agricultural productivity gains with some interest. A new USDA report on farm production efficiency for 1977 reports that farm output in 1977 increased by 3 percent while hours of labor used on farms declined by 3 percent. The farm output per unit of input gained also by 3 percent. Farm labor productivity for the year increased by 8 percent on crops and 6 percent on livestock. Production per hour was up 5.2 percent. Compared with farm output in 1967, 1977 output was up 21 percent, production per hour was up 73 percent, and farm output per unit of input was up 18 percent. Hours of labor used on the farm have declined by 30 percent since 1967.



mend a fence

NO FINANCE CHARGES!
Until Harvest Time

Good deals on Massey-Ferguson combines are now even better. Pay no finance charges* on the purchase of any new Corn, Bean or Rice Combine until September 1, 1979 and up to June 1, 1979 on any new MF Grain Combine.

$1,000 Bonus Too!
Buy any new self-propelled MF Combine and get a $1,000 Certificate good toward the purchase of any new MF farm tractor (34 h.p. - 320 h.p.), baler, forage harvester, grinder mixer, or implement. Certificate good until July 28, 1979.

Low Prices!
All new MF Combines are priced to sell and now is the time to buy. Act before year end for big 1978 savings on . . .
- Finance charges
- Depreciation Allowance
- Investment tax credit

*When financed with Massey-Ferguson Credit Corporation.
Offers end January 26, 1979

Personalized MF financing, parts, and service available.

S. G. LEWIS AND SON
West Grove, PA
Ph: (215) 869-9440
869-2214

RICE FARM SUPPLY INC.
Rt. 220 Bypass
Jersey Shore, PA
Ph: (717) 398-1391

PAUL J. EICHERT & SON
RD 1,
Orwigsburg, PA
Ph: (717) 943-2304

LEBANON VALLEY IMPLEMENT CO.
700 E. Linden St.
Richland, PA
Ph: (717) 866-7518

RHODES EQUIPMENT CO., INC.
1085 Industrial Blvd.
Southampton, PA
Ph: (215) 677-6000

MARLIN W. SCHREFFLER
Pitman, PA
Ph: (717) 648-1120

N. H. FLICKER & SON, INC.
Maxatawny, PA
Ph: (215) 683-7252

M. M. WEAVER & SON
N. Groffdale Rd.
Leola, PA 17540
Ph: (717) 656-2321

PETERMAN FARM EQUIPMENT
225 York Road
Carlisle, PA
Ph: (717) 249-5338

GUS FARM EQUIPMENT, INC.
Intersection 214-616
Seven Valleys, PA
Ph: (717) 428-1967

ARNETT'S GARAGE
Rt. 9 Box 125
Hagerstown, MD
Ph: (301) 733-0515

MF
Massey Ferguson

HAPPY NEW YEAR

Raising our voices in praise of our many delightful patrons and wishing them all a full year of happiness and success!

MYER'S METERED GAS SERVICE, INC.
P.O. BOX 71
MANHEIM, PA 17545
Call (717) 665-3588

YCC program awarded funds

HARRISBURG - A grant of $1,003,000 was awarded to the Commonwealth of Pennsylvania for administration of the Youth Conservation Corps program in State Parks and State Forests during the Summer of 1979.

The State will employ approximately 800 youths in this work-earn-learn program next Summer while the Federal Government will employ an additional 400 youths for the eight-week YACC program.

Open to all youths 15 to 18 years old regardless of sex, ethnic, racial or economic standing, the YCC offers both residential and non-residential opportunities.

Work projects are structured to provide Corpsmembers with a better understanding of the environment while they earn money. Typical projects are stream improvements, construction of bridges and other recreational facilities, thinning of forest plantations, improving wildlife habitat and related tasks.

"Schools and State Job Service offices have applications for the 1979 season by January 15", Goddard said. "Completed applications must be mailed in by March 15. Selections are then made through a random selection process."

Information on applications can be obtained from the YCC State Recruiter, Department of Environmental Resources, Box 1467, Harrisburg, Pa. 17120; telephone 717-787-8800.

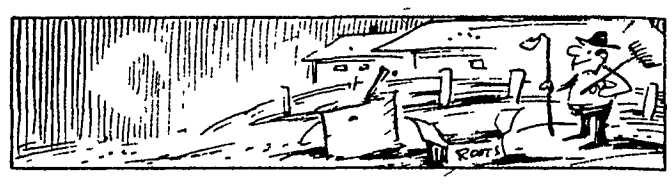
Good times predicted for dairymen

WASHINGTON, D.C. - Dairy farmers can look for continued high concentrate feeding to dairy cows throughout next year. This will mean more milk, despite higher culling, according to a summary of USDA's Dairy Situation issued earlier this month.

The reason: Milk priees are expected to run well above those of 1978. And, though cull cow prices will be higher, large feed supplies will keep feed price rises moderate.

For the record, 1978's cash receipts from dairying are seen exceeding $12½ billion, up from the previous record high of $11.8 billion in 1977. This year's milk output is now estimated at 122 to 122½ billion pounds.

Meanwhile, November milk production, at 9.4 billion pounds is down fractionally from a year earlier. Output for the first 11 months of 1978 is now at 113 billion pounds, down 1 per cent from a year earlier.



The dark of the moon is considered the best time to plant roots.

Gypsy moths stripped 1.25 million acres of Northeast's woodland

WASHINGTON, D.C. - Gypsy moths can strip an entire forest in a few days, according to USDA's Animal and Plant Health Inspection Service (APHIS). This year, the destructive gypsy moth caterpillar defoliated approximately 1.25 million acres of trees in the Northeast. Heaviest hit was New York where over ½ million acres were stripped. Damage, though extensive in many areas, was less than expected, as scientists earlier predicted that two million acres of trees would be stripped of their leaves. Predicting location and amount of defoliation is complicated because outbreaks come in cycles, sometimes increasing or decreasing erratically.

FmHA to stay as is

WASHINGTON, D.C — Nc reorganization plan has beer adopted that would close the Farmers Home Administration's 1800 county offices, Assistant Secretary of Agriculture Alex P Mercure emphasized recently.

Washington rumors hav it that some FmHA office may have their doors locke as a result of reorganizatio plans geared up for variou federal departments.

WHEN A MAN NEEDS A FRIEND!
GET CLOSE TO A case UNILOADER
FROM YOUR LOCAL CASE DEALER

• PARTS • SERVICE • RECONDITIONED TRACTORS
• CONVENIENT FINANCING • LEASING • RENTALS

doing something about it.®

case®

DEPENDABLE MOTOR CO.
East Main Street
Honey Brook, PA
(215) 273-3131

CLAIR J. MYERS
Lake Road R1
Thomasville, PA
(717) 259-0453

PEOPLES SALES & SERVICE
Oakland Mills, PA
(717) 463-2735

STOUFFER BROS. INC.
1066 Lincoln Way West
Chambersburg, PA
(717) 263-8424

PAUL SHOVER'S INC.
35 East Willow St.
Carlisle, PA
(717) 243-2686

NEVIN N. MYER & SONS, INC.
RD1, Chester Springs, PA
(215) 827-7414

C. H. WALTZ SONS, INC.
RD1, Cogan Station, PA
(717) 435-2921

C. H. RINEHIMER & SONS
RD 1, Berwick, PA
(717) 752-7131

T & T SUPPLY, INC.
RD5, Danville, PA
(717) 275-0927
2 mi. S. off Rte. 54

BINKLEY & HURST BROS.
133 Rothsville Station Road
Lititz, PA
(717) 626-4705

E. W. BILEWICZ EQUIP., INC.
Elmer Rd., Richwood, NJ
(609) 881-2692

A. L. HERR & BRO.
312 Park Ave.
Quarryville, PA
(717) 786-3521

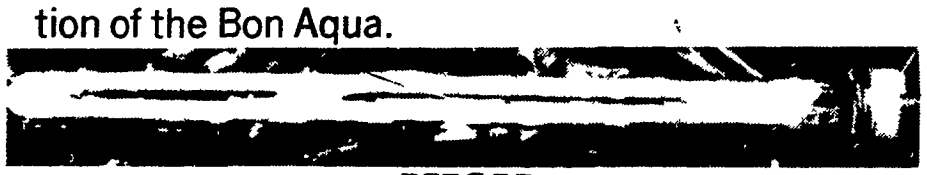
ZIMMERMAN'S FARM SERVICE
Bethel, PA
(717) 933-4114

C. & P. FULTZ EQUIP.
RD 1,
Spring Mills, PA
(814) 422-8805

EDWARDS FARM EQUIP.
291 West Moorestown Road
(Rt. 512 Clearfield)
Nazareth, PA
(215) 759-0240

SEEING IS BELIEVING!

Mount Joy - Manheim local homeowner shows these results after 10 weeks on the element of their electric hot water heater with the installation of the Bon Aqua.



BEFORE

AFTER

YOU TOO CAN HELP ELIMINATE HARD WATER DEPOSITS IN YOUR HOME WITH

BON AQUA

$89.95 ▶ 90 DAY MONEY BACK GUARANTEE BY MANUFACTURER

EASY TO INSTALL - JUST SNAP IT ON

- No Energy Required
- No Chemicals
- Ecologically Sound
- No Servicing

ALL COWS, HOGS AND CHICKENS CAN NOW DRINK CONDITIONED WATER!

A REAL BENEFIT TO GREENHOUSES FOR PLANT GROWTH

HIESTAND DISTRIBUTORS INC.

HOURS:
Mon. thru Fri. 10 to 5
Saturday 10 to 2

1830 STATE STREET
EAST PETERSBURG, PA
Phone: 717-569-7397

Here are 10 tips on how to save electricity in poultry houses

UNIVERSITY PARK - Money spent on energy is like money down a rat hole unless you get several times the cash return as you spend on energy, says Penn State University's poultry specialist Herbert C. Jordan.

Electrical energy, properly used, through fan ventilation in a poultry house can improve bird health, increase productive efficiency which is increasing output of acceptable qualities per unit input through management practices. Here are some suggestions to get more net return out of every Watt, BTU or Horsepower used.

1. Purchase and use only capacitor-start capacitor-run electrical motors on the farm.

2. Use solid-state dimmers, not rheostats to dim lights.

3. Where no dimmer is necessary, use minimum wattage bulbs or approved fluorescent light for poultry, i.e., fluorescent with an infrared spectrum.

4. Keep fans lubricated, belts from slipping and louvers, inlets and static pressure adjusted in a coordinated fashion.

5. Keep feed chains or tube-type linkage in line and straight with minimum friction or drag.

6. Use partial room brooding of young birds for the first two weeks of age. Reduce temperature to chick 5 degrees F. per week.

7. Insulate ceilings to an R value of 15 minimum and sidewalls to a minimum R value of 10.

8. Calibrate and re-set ventilation system so that enough fresh air is brought in each hour and adequate stale air and moisture is removed.

9. Do not allow fans to run excessively and exhaust expensive heat energy needlessly.

10. Do not allow manure to become or to be stored liquid because it costs 20 to 40 times as many dollars to haul liquid manure to the field as it does to haul dry manure to the field. Remember when hauling liquid manure at 95% moisture, you make 19 trips with pure water for every one trip with dry manure.

East Europe buys American

WASHINGTON, D.C. - Look for East Europe to continue buying large volumes of U.S. farm goods, since the area's agricultural output has fallen short of projected goals. According to USDA economists, harvests of grain, oilseeds, and sugarbeets turned lower than projected in current 5-year plans (1976-80) which call for crop production to outpace livestock output, significantly larger machinery investments, and modernization of food and feed industries. All seven countries–Bulgaria, Czechoslovakia, German Democratic Republic, Hungary, Poland, Romania, and Yugoslavia---will probably maintain their current farm import levels despite recent balance of payment deficits.

Maryland Ag Week set for Feb. 5

COLLEGE PARK, Md. - Maryland agriculture will take its show on the road for six weeks beginning February 5 in ceremonies sponsored by the state's Ag Week Committee, according to General Chairman Patrick Murray.

Officially, "Ag Week" will be observed February 4 to 10. Six county committees will host an array of fascinating traveling exhibits which will visit shopping centers in Baltimore, Anne Arundel, Wicomico, Frederick, Washington, and Montgomery Counties.

Exhibit coordinator Roy Porter of the University of Maryland's Cooperative Extension Service has worked out the following schedule for the show tour:

Feb. 5-10. Eastpoint Mall, Baltimore County. Chairman W. Max Buckel; Feb. 12-17. Harundale Mall, Anne Arundel County. Chairman G. David Hitchcock; Feb. 19-24. Salisbury Mall, Wicomico County. Chairman Wayne Shaff (749-6141); Feb. 26-March 3. Fredericktowne Mall, Frederick County. Chairman Kenneth E. Wisner; March 5-10. Valley Mall, Washington County. Chairman Norris D. Diefenderfer (791-1404); March 12-17. Montgomery Mall, Montgomery County. Chairman Delbert T. Foster (948-9070).

Other Ag Week related activities include proclamations, the annual banquet to honor the General Assembly and various other activities.

Anyone wishing more information on ceremonies connected with the exhibits in the scheduled counties is invited to telephone the chairman for that county.

FARMERS' FERTILIZER WORKS, INC.

PREMIUM GRANULAR FERTILIZER & LAWN FOOD
LIQUID NITROGEN - LIMESTONE - PESTICIDES
(TWO FERTILIZER FACILITIES TO SERVE YOU BETTER!)

HOME OFFICE:
365 W. Bainbridge St.
Elizabethtown, PA 17022
Phone: (717) 367-1211

CHURCHTOWN OFFICE:
Route 23 East,
Churchtown, PA 17510
Phone: (215) 286-5337

★★

Farmers' FERTILIZER — AS GOOD AS THE BEST AND BETTER THAN THE REST

AT FARMERS FERTILIZER
YOU GET MORE THAN PRODUCTS & SERVICE
YOU GET WHAT YOU PAY FOR
WE TAKE PRIDE IN OUR REPUTATION

WE SELL - Only **Premium** granular fertilizer with a guaranteed analysis for your crop and soil.

YOU GET - A **quality** product and **quality** service that offers a nitrogen mixture to give fast and slow release of nutrients, with secondary plant nutrients that are vital for plant growth.

TAKE ADVANTAGE OF - Pre-payment credit.
Early shipment discounts.

Before you buy fertilizer at just any price - Consider what it takes to maintain a reputation!

OUR DISTRIBUTORS IN OTHER AREAS: (Bagged, Bulk, Liquid & Custom Appl.)

Lebanon Co.
HEAGY FARMS
RD4, Box 100
Lebanon, PA 17042
717-867-2611
717-867-1400

So. Lanc. Co.
POWL'S FEED SERVICE
RD 2
Peach Bottom, PA 17563
717-548-2376

Berks Co.
VAN-MAR FEEDS INC.
P.O. Box 303
Shoemakersville, PA 19555
215-926-2121

Lanc. Co.
ROY W. ZIMMERMAN & SONS, INC.
1661 Rohrerstown Rd.
Lancaster, PA 17601
717-569-2361
717-733-8161

Lanc. & Chester Co.
E & R SUPPLY
(Elvin & Randy Hess)
Route #2, Box 125
Strasburg, PA 17579
717-687-6697

PHONE: (717) 367-1211
365 W. BAINBRIDGE ST., ELIZABETHTOWN, PA 17022

Bergland to deliver farm report to Senate

WASHINGTON, D.C. - U.S. Senator Herman E. Talmadge (D-Ga.), chairman of the Senate Committee on Agriculture, Nutrition, and Forestry, announced last week that the Committee will hear a report on the state of American agriculture from Secretary Bob Bergland in a hearing on January 24.

Talmadge said he had requested the Secretary of Agriculture to appear early in the new Congress in order that "our Committee may have the benefit of a first-hand report and assessment from the Carter Administration on the current economic state of American agriculture and American farmers."

Talmadge, in announcing the hearing, noted that the Nation's agricultural economy in general has improved somewhat over a year ago when huge surpluses of commodities and falling farm prices contributed to a severe financial strain on many farmers.

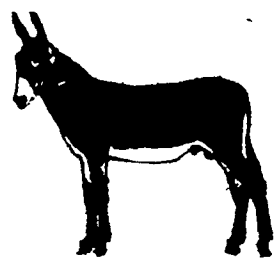
Talmadge said he understood several legislative proposals concerning farm prices and programs will be introduced in the new session of Congress, which convenes January 15, including the flexible parity proposal of Senator Bob Dole of Kansas, ranking Republican member of the Committee.

"Before the Committee considers possible new farm legislation, I believe we should have a thorough briefing by the Secretary of Agriculture on the Carter Administration's frank appraisal of the agricultural economy, what the Administration is planning in the way of farm programs and policies in 1979, and what further initiatives - either through legislation or administrative action - might be needed," Talmadge said.

Bergland is scheduled to testify before the Agriculture Committee at 9:00 a.m., January 24, 1979, in the Committee hearing room, 322 Russell Senate Office Building.

PORK IS NUTRITIOUS — PORK, DELICIOUS AND NUTRITIOUS FOR YOU AND YOUR FAMILY

MAMMOTH JACK STUD SERVICE



$50 WITH RETURN PRIVILEGES

Stands approximately 14½ hands.
Will take draft horse mares and riding mares.
Big demand for riding mules and draft mules, occasional Jacks & Jennetes for sale.

DONALD J. NEIDIGH
7 Golf Road
Lebanon, Pa. 17042
(717) 273-3025

USDA report compares farm, non-farm populations

WASHINGTON, D.C. - Farm residents are less likely to be out of work than their nonfarm counterparts, but they are more likely to be older and to earn less.

These are among the highlights of a description of the U.S. farm population published last week by the Bureau of the Census and the U.S. Department of Agriculture's Economics, Statistics, and Cooperatives Service (ESCS). The 1977 farm population, at just over 7.8 million, continued to decline while small town and open country nonfarm population showed renewed growth.

The Census-ESCS report also found the 1977 farm population:

–The average age of farm residents was 35.2 years, about 6 years older than the nonfarm population.

–Farm families were more likely than nonfarm families to be of the married-couple type and less likely to be headed by women.

--Farm males outnumbered farm females by 338,000. In contrast, females outnumbered males in the nonfarm population.

—Farm people were just as likely to be working in nonagricultural industries as in agriculture.

–The unemployment rate for farm residents was 3 per cent, versus 7.5 per cent for the nonfarm population.

–The median income for farm families continued to lag behind that of nonfarm families.

–The 112,000 Spanish-origin farm residents represented one per cent of the total U.S. Spanish-origin population and 1.4 per cent of the farm population. This is the first year the report separately accounts for Spanish-origin farm people.

–The number of blacks living on farms declined at a faster rate than the white farm population--a minus 53 per cent compared with a minus 16 per cent since 1970.

A related report published in September by ESCS provides additional information on farm population during 1970-77. This report found:

–The farm population decline has slackened. Annual net outmigration averaged 3.3 per cent between 1970 and 1977, compared with 5 to 6 per cent in the 1960's and 1950's.

--Births outnumbered deaths by an annual average of 28,000 among farm people during 1970-77, partly offsetting the annual average loss of about 300,000 persons who either moved away from farms or lived on places where agricultural operations cease and were removed from the farm category.

–The South, losing more than a fourth of its farm population, was the heaviest loser among the Nation's four regions during 1970-77. The West, in contrast to the rest of the country, showed relative stability.

Single free copies of "Farm Population of the United States: 1977" (P-27, No. 51) and "Farm Population Estimates for 1977" (RDRR-4) are available from ESCS Information Division, room 0054-S, U.S. Department of Agriculture, Washington, D.C., 20250. Or phone (202) 447-7255.

Latin ag trade booming

WASHINGTON, D.C. - Preliminary data indicate that Latin America bought a record amount of U.S. farm products in fiscal 1978. During the first nine months of the year (October 1977 through June 1978) shipments ran a third above a year earlier, and brisk sales during the remaining quarter were expected to push the yearend tally past the 1973/74 record of $2.5 billion. Pace setters during the initial nine months were wheat (more than two times as much as the year before), corn, and a record volume of soybeans.

Domestic consumption is expected to rise modestly, but exports may face stronger competition in world markets. Nevertheless, early season commercial export commitments are running about 30 per cent above last year's level. This season's record supplies and nearly unchanged demand suggest season average farm prices will decline from $9.43 per cwt. in 1977/78, to a range of $6.50 to $7.50 during 1978/79.

J. M. HORST
SERVICE CO.
BOX 231, QUENTIN, PA
DE LAVAL™
DAIRY EQUIPMENT
TANKS — PIPELINE
VACUUM PUMPS — ETC.
JAMESWAY
PHONE:
717-274-1242
24 HOUR SERVICE

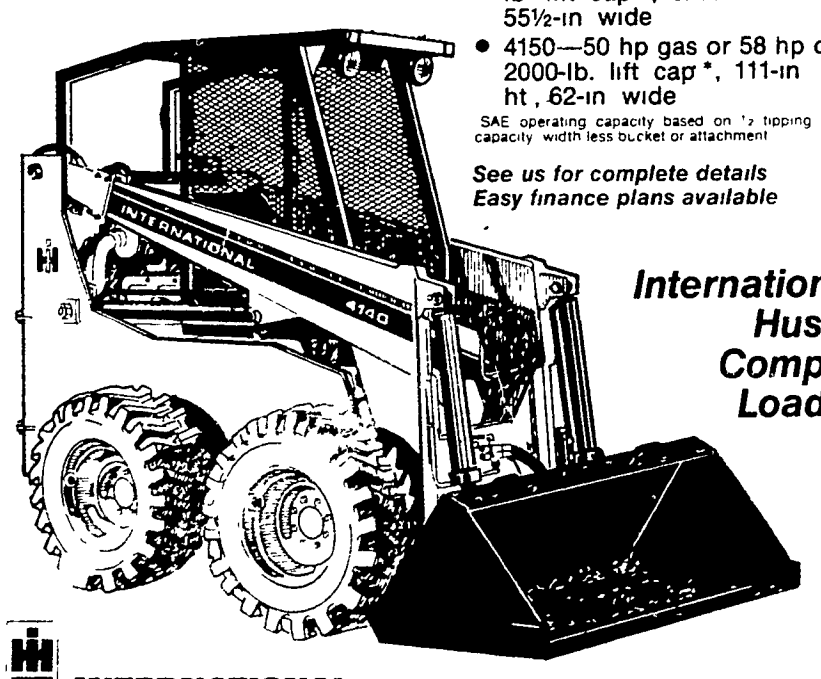
With 4 models to pick from, you're sure to find one that fits your needs

These hustling compacts go almost anywhere to put hydraulic muscle into dozens of heavy jobs Skid-steer design lets them turn 360° within their own tracks You easily scoot in and out of spots too cramped for larger rigs You get compact, rugged job power with speed and dependability Buckets and attachments are available to put power into nearly every lifting, loading or pushing job you have

- 4120—16 hp, 500-lb lift cap,*, 70-in dump ht , 34½-in wide
- 4130—25 hp, 815 lift cap *, 85½-in dump ht., 46¾-in. wide
- 4140—40 hp gas or diesel, 1300-lb lift cap *, 82¼-in dump ht , 55½-in wide
- 4150—50 hp gas or 58 hp diesel, 2000-lb. lift cap *, 111-in dump ht , 62-in wide

SAE operating capacity based on ½ tipping load capacity width less bucket or attachment

See us for complete details
Easy finance plans available



International® Hustler Compact Loaders

INTERNATIONAL AGRICULTURAL EQUIPMENT

SWOPE & BASHORE, INC.
RD 1, MYERSTOWN, PA
Located 1 Mile S. of Int. 78 & 6 Miles N. of Myerstown
on Rt. 645 in Frystown
PHONE: 717-933-4138

The beast built to eat acres, not fuel.

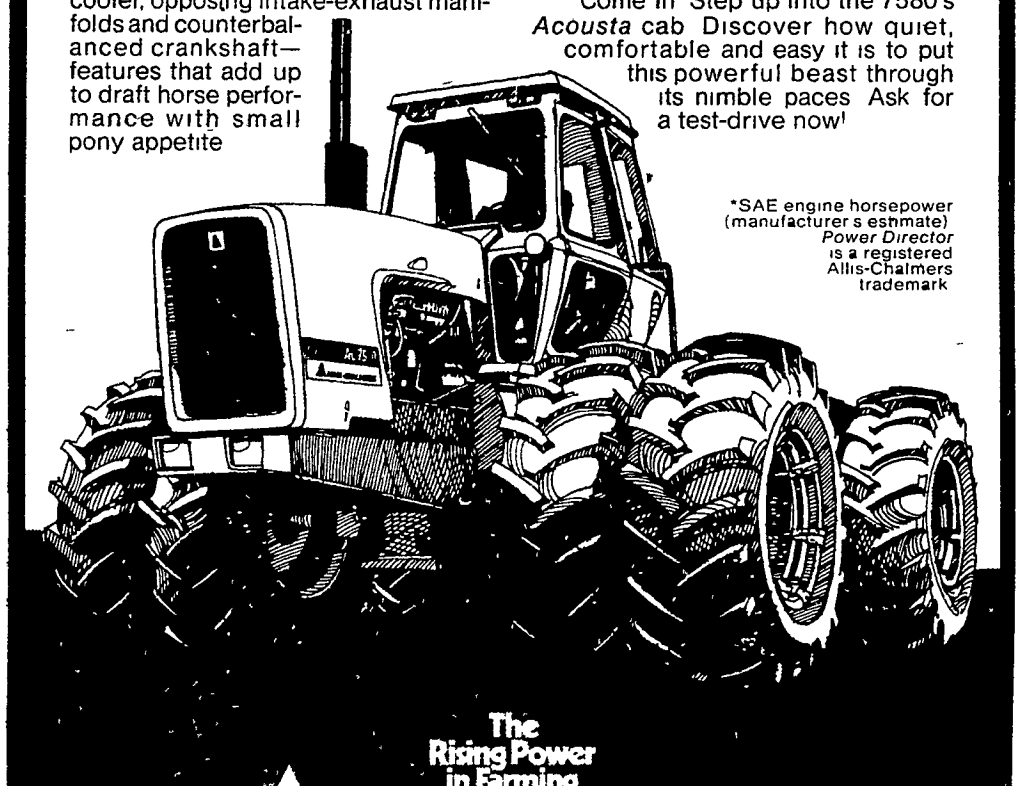
This all new Allis-Chalmers 7580 4-wheel drive tractor has a healthy appetite for big acreage hillsides or flatlands row crops or small-grain farming irrigated acres or dryland ranches

Yet every acre of the way, this big beast saves you fuel money Thanks to a 222-hp,* six cylinder diesel engine designed with turbocharger, intercooler, opposing intake-exhaust manifolds and counterbalanced crankshaft—features that add up to draft horse performance with small pony appetite

Here s 20 forward speeds with a shift-on-the-go *Power Director* transmission Draft-sensitive 3-point hitch with Quick Hitch. Fully independent 1,000 rpm PTO Big 74 9 gpm hydraulic system

Plus full 40° articulation for turns in a tight 17-ft radius center oscillation so implements can snake over bumps, ridges, follow dips easily

Come in Step up into the 7580 s *Acousta* cab Discover how quiet, comfortable and easy it is to put this powerful beast through its nimble paces Ask for a test-drive now!



*SAE engine horsepower (manufacturer s estimate)
Power Director is a registered Allis-Chalmers trademark

The Rising Power in Farming
ALLIS-CHALMERS

AGRONOMICS, INC.
RD2, Factoryville, PA
717-945-3933

L. H. BRUBAKER, INC.
Lancaster, PA
717-397-5179

C. J. WONSIDLER BROS.
Rt. 309 & 100
R2 New Tripoli, PA 18066
215-767-7611

BHM FARM EQUIPMENT, INC.
Annville, RD1, PA
717-867-2211

ROY H. BUCH, INC.
Ephrata, RD 2
717-859-2441

C.J. WONSIDLER BROS.
RD1, Quakertown, PA 18951
215-536-1935
215-536-7523

WERTZ GARAGE
Lineboro, MD
301-374-2672

GRUMELLI FARM SERVICE
Quarryville, PA
717-786-7318

PETERMAN FARM EQUIPMENT, INC.
225 York Road
Carlisle, PA
717-249-5338

SHARTLESVILLE FARM EQUIPMENT
Shartlesville, PA
215-488-1025
H. Daniel Wenger, Prop.

AG. - INDUSTRIAL EQUIPMENT
R2, Rising Sun, MD
301-658-5568

AIRVILLE FARM SERVICE
Hwy. 74, Airville, PA
717-862-3358

Restaurants boosting sales with dairy products

ROSEMONT, Ill. - "The foodservice industry can boost sales by promoting dairy products," stated Alden Grimes, executive vice president, American Dairy Association (ADA), speaking to the Milk Industry Foundation at the Food and Dairy Expo '78 in California recently.

According to Grimes, only 20 per cent of the dairy farmer's milk money comes from foodservice. "Build the foodservice market for dairy products," emphasizes Grimes, "and you boost sales."

Major outlets like Red Lobster and McDonald's have increased sales using dairy products. When Red Lobster customers demanded butter, 21 outlets featured butter in table service. To date, more than 250,000 pounds of butter have been used in a test survey.

McDonald's uses 70 million pounds of cheese on its hamburgers and fish sandwiches each year, Grimes said. And its soft serve sundaes, in three flavors, strawberry, hot fudge and hot caramel topping off a dairy dish, now account for seven per cent of their total sales. That means an additional $210 million in annual sales.

"More than a half-billion sundaes at 50 cents each were sold within 18 months of introducing the tasty soft-serve dessert," he added.

Grimes pointed out that Sara Lee is developing foodservice products, Pillsbury is acquiring foodservice outlets and Kraft is becoming one of the nation's largest full-line foodservice distributors. "Foodservice is big business. Sales reached $93 billion in 1977 and should top $102 billion this year," he said.

"Away from home shouldn't mean away from milk, but we're getting less than half the sales we should in comparison with per capita consumption at home."

Grimes pointed out that the foodservice industry should capitalize on the profit potential of dairy products:

- The quality and nutritional image of dairy products can be used on the menu to enhance the outlet's image and its mark-up.
- Consumers perceive "eating out as fun," so counting calories doesn't count.
- The consumer acceptance of dairy products in the home can be promoted with simple sales reminders that will boost sales and profits at foodservice outlets.

"The dairy industry must compete for its share of foodservice sales," Grimes cautioned. "Foodservice consumers must be reminded to order milk with meals. ADA promotional materials are available to foodservice accounts through servicing dairies.

New NCEN booklet available

ARLINGTON, Va. - A new edition of "Eggs - Your Diet and Your Health", a booklet prepared by the National Commission on Egg Nutrition, is off the press and available, it was announced by Hendrik Wentink, NCEN chairman. A large press run will enable NCEN to make single copies available without charge to interested parties. State promotion groups, poultry organizations and individual producers may order the booklets in quantity, the NCEN chairman announced, with a discount structure based on the size of the order.

"Eggs - Your Diet and Your Health" explains in simple lay terms what cholesterol is as well as the difference between dietary and serum cholesterol. It details some of the history of cholesterol and the diet-heart hypothesis and explains NCEN's views of current scientific opinion. The booklet is fully referenced with footnotes citing medical journals as well as some little-known comments on "Dietary Goals" of the Senate Select Committee. It discusses the different liproporteins, the subject of much recent media attention, and includes tables on both US RDAs in relation to the nutrient content of eggs and on the nutritive value of eggs.

Single copies of the booklet are available from NCEN, 1815 N. Lynn Street, Suite 801, Arlington, Va. 22209. The discount structure for companies and organizations wishing to undertake their own distribution is: 2-100 copies, 25 cents each; 101-500, 22 cents; 501-2500, 18 cents; and 2501 and over, 15 cents each. Organizations ordering in quantity will be able to imprint a company or organization name.

Road erosion cited

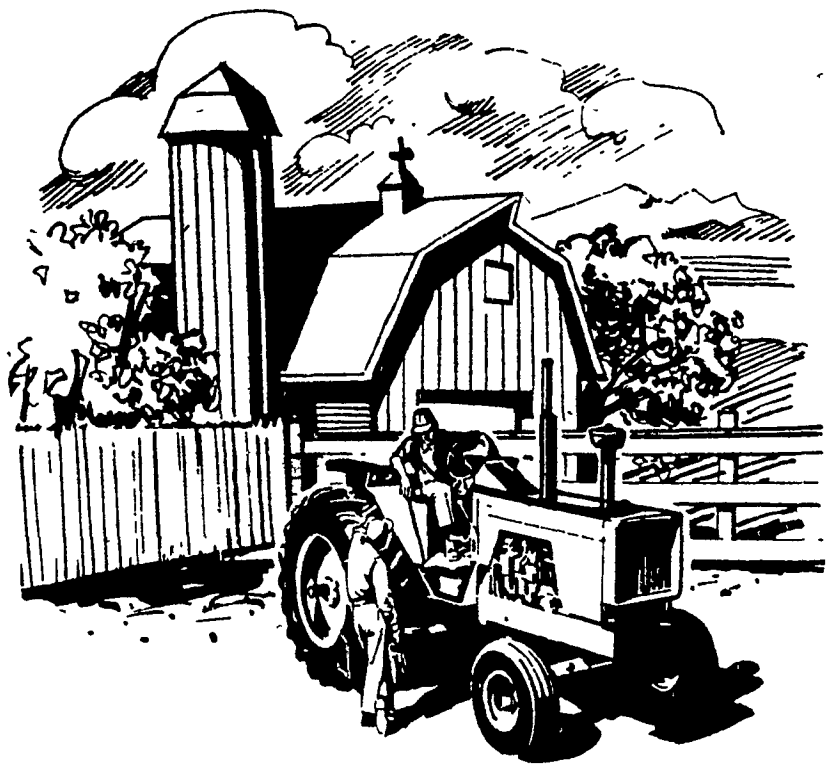
LEBANON - Roads and lanes can be serious erosion problems according to Karl Hellerick, of the Soil Conservation Service. Farmers, and other rural landusers using these access roads and lanes often cause ruts, and destroy the road drainage system. Hellerick recommends that landusers check these driveways and restore the cross ditches to divert the runoff water into the adjoining areas.

Streets in new subdivisions should have the road subbase installed to prevent a serious sediment problem over the winter.

Good road maintanence can reduce repair bills for hauled in stone and grading equipment. A little shoveling to restore these cross ditches can be a nice Christmas present to yourself concluded Hellerick.

Farmers Who Need Money To

Grow On Come To FARM CREDIT.



Shouldn't somebody extend you a dependable line of credit based on the investment you already have? Whether you need $5,000 or $100,000? How about your management abilities and your earning capacity? Weren't they collateral, too?

We think so. That's why most farmers who want to borrow enough money to really grow come to their

FARM CREDIT SERVICE

They take advantage of the many conveniences and services offered by FARM CREDIT SERVICE

FARM CREDIT SERVICE

Production Credit Association

FOR MORE INFORMATION, CONTACT YOUR LOCAL COUNTY OFFICE.

Federal LAND BANK Association

THE

ALASKA

WOOD BURNING STOVE AND FIREPLACE

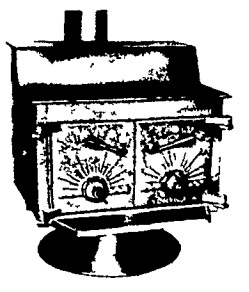
(A Modern American Version of a Canadian Step Stove)

- ★ Heating One Room Or Entire Home.
- ★ 9 Handsome Models Sand Blasted Finish.
- ★ Chrome Trimmed.
- ★ Hot Air Unit Available.
- ★ Lifetime Guarantee.
- ★ Construction - ¼" & 5/16" steel boiler plate, firebrick lined-extra cast iron door-greater efficiency, Baffle plate-lower stack temperature.

Cost Less Built Better

Don't let anyone tell you a baffle system isn't important!

Special Prices on all models in stock to make room for New Models.



STORE HOURS:
Closed Mon. and Tues.
Wed. thru Fri. 10 to 8
Sat. 10 to 4
Other hours by appointment

CHESTER B. NOLT (Dist.)
24 S. Hershey Ave.
Bareville
Leola, Pa. 17540
Phone (717) 656-6898

Generic food products gaining in popularity

WASHINGTON, D.C. – A new tactic being adopted by food retailers to attract and hold customers is the introduction of "generic" or "unbranded" products.

"Generic food products generally cost less than national and store brands," said Charles Handy, project leader in the food economics area of the U.S. Department of Agriculture. "While they often use lower grade ingredients, the difference in quality from the consumer's point view may not be significant."

"Generic foods save consumers money because their ingredients are less expensive and distributors generally spend less money to advertise, package and label them. Consumers can expect to save an average of 25 per cent over national brands and about 15 per cent over store brands."

Handy recently headed a study of generic foods and their acceptance by retailers and the public.

"Studies by private industry show prices of generic foods averaged 39 per cent below national brands in the Midwest and 30 per cent below in the East," said Handy. "The price average was 20 per cent below the store brand in the Midwest and 19 per cent below in the East."

While generic foods have spread rapidly, they still aren't available to many shoppers. Some retailers are competing with generics by lowering prices on store brands. Others are consolidating their second and third line store brands into a new store label similar in quality and price to generics. In any case, the consumer benefits from reduced prices.

Usually, generic foods come in plain packages and carry no brand names or trademarks. Generally, the labels are black and white with bold lettering. They often give only the basic name for each product, such as "sweet peas," and essential information about ingredients, net contents and the manufacturer or distributor's name.

"They were first introduced in late 1977 in Chicago and quickly spread through the country," said Handy. "The number of retailers carrying them grew quickly from 20 in early 1978 to 100 by Summer. Meanwhile, the number of items they carried rose from about 10 to 100. Most stores carry 25 to 50. Many retailers say they don't plan to carry more than 45 or 50 items and they generally carry only one size."

Most retailers display all generic products together in the store. That makes them highly visible but also makes it difficult for shoppers to compare prices of generic products with their name and store brand counterparts.

"The retailers we contacted were generally satisfied with sales and expected them to increase."

Handy said retailers agreed the standard minimum specification for generic foods was USDA grade C, with some grade B to fill in as needed. National brands and top line store brands, on the other hand, use primarily grade A and some grade B. One retailer said grades for generic products were 80 per cent "C" and 20 per cent "B" while their private label was about 80 per cent grade A and 20 per cent "B."

All three grades are safe, wholesome and nutritious and are packed under the same sanitary standards. USDA grades B and C are acceptable quality for standard consumer table and cooking use. Grade C products may have less uniform size color, texture and maturity.

"The wholesale price difference between grade C and grades B and A is a major source of savings. Grade C costs typically 10 to 35 per cent less than grade A," said Handy. "For example, in June 1978, the wholesale list price of whole kernel corn per case of 24/303 cans was Grade A, $5.50-$5.75; grade B, $5.30-$5.50 and grade C, $4.25-$5.30. That's a difference of up to 26 per cent between grades A and C and doesn't include discounts or allowances buyers often negotiate."

"While our research showed that reduced or no advertising of generics contributed to savings, it's probably less than that due to using less expensive ingredients. National brands are the most heavily promoted. Retail prices of national brands support not only national advertising campaigns but also the more costly and complex sales distribution networks and new product development activities of these firms."

Store brands avoid many of the costs of developing and introducing products by imitating established national brands, Handy said. While advertising expenses for store brands are much less than for national brands, store brand advertising has increased in recent years. This probably contributed in part to the narrowing price difference between store and national brands.

"Almost every retailer we interviewed said cheaper packaging and labels helped keep costs of generic foods down," said Handy. Many said they used any suitable package (can, jar or plastic) available, depending on what was the best buy.

"They used lighter weight packages, some with slight imperfections and more utilitarian packages (no spouts, protective coatings, or pull tabs). One retailer reported their generic packaging costs were up to 15 per cent less than for their private label or national brand products."

Typically, generic labels are black an white, printed on lighter non-varnished paper and use no back labels on glass jars. They minimize design, photography and lithography expenses. Plainer generic labels, however, represent only a small source of savings. The cost difference between color and black and white labels is a one-time set up cost of about $150 for black and white compared to $500 for color, said Handy.

Limiting sizes saves money by reducing handling, ordering and warehousing costs.

October milk production up

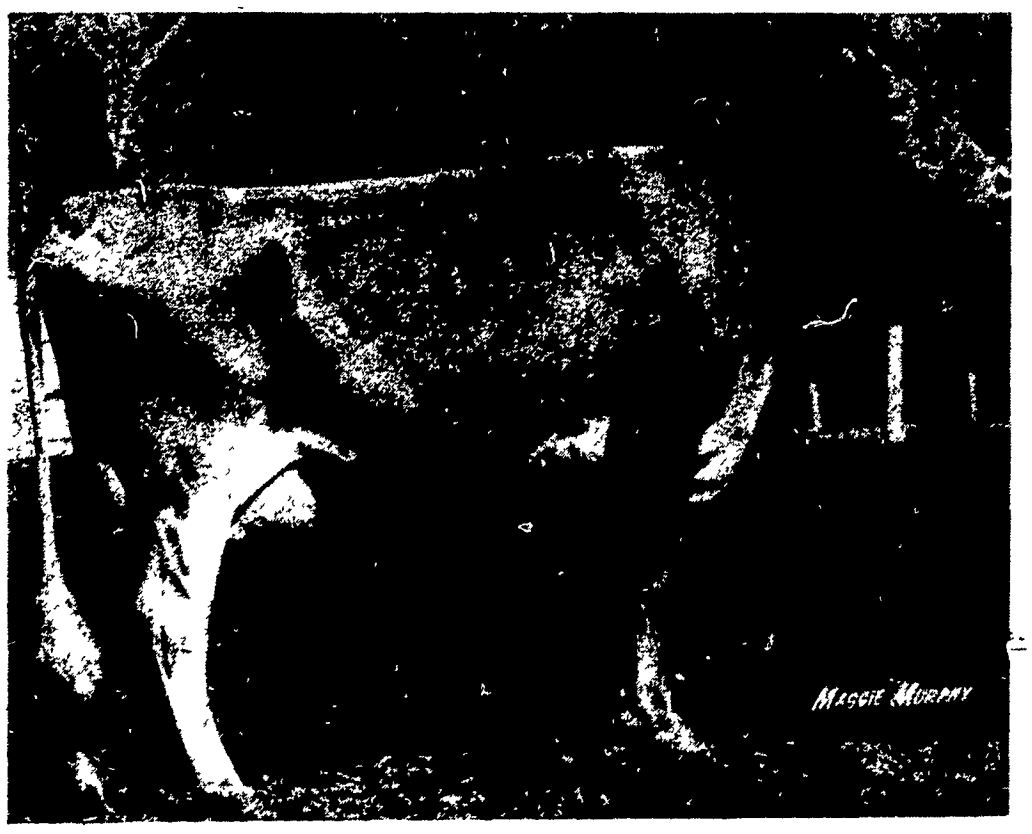
HARRISBURG - Milk production in Pennsylvania during October totaled 655 million pounds or 305 million quarts, about the same as the previous month but one per cent more than October 1977, according to the Pennsylvania Crop Reporting Service.

The number of milk cows in the commonwealth in October was 700,000 head, down 3,000 head from a year ago. Production per cow averaged 935 pounds or 435 quarts, up almost two per cent from a year ago.

Butter production in Pennsylvania totaled 2.745 million pounds in October, 12 per cent below a year ago. Ice cream production in October totaled 6.1 million gallons, 14 per cent less than in October 1977.

United States milk production in October amounted to 9.82 billion pounds or 4.57 billion quarts, down very slightly from a year ago. Production per cow averaged 906 pounds or 421 quarts, up seven pounds or 3.3 quarts from a year ago. The total number of milk cows averaged 10.8 billion head, off one per cent from last year.

United States butter production in October totaled 71.1 million pounds, down 15 per cent from a year ago. Ice cream production in the nation was 64.7 million gallons, a decrease of eight per cent from a year ago.



Sniders Prince Lily, (pictures), a registered Guernsey cow is the new first place fat and second place milk National Class Leader in the Senior 2 year old class. She was bred by Bernard O. Snider of New Enterprise, and is now owned by John D. Myers and Dr. Marvin Sanner of Littlestown. "Lily" produced 21,350 pounds of milk and 1203 pounds of butterfat in 305 days twice daily milking beginning at two years and nine months old. The sire of "Lily" is Lyrene Mat Rose Prince and her dam is another 20,000+, Class Leader, Lerson Lawn Jasons Lassie. "Lassie" is a 1974 Gold Star Dam and classified Excellent in 1975. This record was supervised by Pennsylvania State University at University Park.

LOOK FOR

AVCO NEW IDEA
75 YEARS SERVICE TO AGRICULTURE

ADAMS CO.
O.C. RICE, INC.
Biglerville, PA
717-677-8135

YINGLING'S IMPLEMENT
RD 1 Gettysburg, PA
717-359-4848

BERKS CO.
N.H. FLICKER & SONS, INC.
Maxatawny
215-683-7252

STANLEY A. KLOPP, INC.
Bernville, PA
215-488-1500

MILLER EQUIPMENT
Bechtelsville, PA
215-845-2911

SHARTELSVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

ZIMMERMAN'S FARM SERVICE
Bethel, PA
717-933-4114

BRADFORD CO.
ALLIS HOLLOW EQUIP.
RD 1,
Rome, PA
717-247-2601

CARL L. PIERCE
RD 2,
Columbia Cross Roads, PA
717-297-3513

WYNNE'S GARAGE
Canton, PA
717-673-8456

BUCKS CO.
C.J. WONSIDLER BROS.
Trumbauersville Road
Quakertown, PA 18951
215-536-1935

PAUL HISTAND CO., INC.
397 North Main Street
Doylestown, PA
215-348-9041

CHESTER CO.
CHAS. J. McCOMSEY & SONS
Hickory Hill, PA
215-932-2615

STOLTZFUS FARM SERVICE
Cochranville, PA
215-593-5280

M.S. YEARSLEY & SONS
West Chester, PA
215-696-2990

CLINTON CO.
DUNKLE & GRIEB
Mill Hall, PA
717-726-3115

COLUMBIA CO.
ORANGEVILLE FARM EQUIPMENT
Orangeville, PA
717-683-5311

WILLIAM F. WELLIVER
Jerseytown, PA
717-437-2430

CUMBERLAND CO.
ERNEST SHOVER FARM EQUIPMENT
19 West South St.
Carlisle, PA
717-249-2239

DAUPHIN CO.
SWEIGARD BROS.
RD 3, Halifax, PA
717-896-3414

FRANKLIN CO.
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St.
Chambersburg, PA
717-264-3533

MEYERS IMPLEMENTS, INC.
Greencastle, PA
717-597-2176

LEBANON CO.
HEISEY FARM EQUIPT., INC.
RD 1, Jonestown, PA
717-865-4526

UMBERGERS MILL
RD 4, Lebanon (Fontana), PA
717-867-5161

LANCASTER CO.
ROY H. BUCH, INC.
Ephrata, RD 2, PA
717-859-2441

A.B.C. GROFF, INC.
New Holland, PA
717-354-4191

A.L. HERR & BRO.
Quarryville, PA
717-786-3521

LANDIS BROS., INC.
Lancaster, PA
717-393-3906

LONGENECKER FARM SUPPLY
Rheems, PA
717-367-3590

N.G. HERSHEY & SON
Manheim, PA
717-665-2271

LEHIGH CO.
C.J. WONSIDLER BROS.
Jct. Rt. 309 and 100
Pleasant Corners, PA
215-767-7611

LYCOMING CO.
RICE FARM SUPPLY, INC.
Jersey Shore, PA
717-398-1391

MONTGOMERY CO.
WENTZ FARM SUPPLIES
Route 29
Palm, PA
215-679-7164

NORTHAMPTON CO.
GEORGE V. SEIPLE & SON
Easton, PA
215-258-7146

NORTHUMBERLAND CO.
MECKLEY'S LIMESTONE PRODUCTS, INC.
Herndon, PA
717-758-3915

SCHUYLKILL CO.
L.L. ECKROTH FARM EQUIP., INC.
New Ringgold, PA
717-943-2367

STANLEY'S FARM SERVICE
RD, Klingerstown, PA
717-648-2088

SNYDER CO.
ROYER'S FARM SERVICE
RD 1, Winfield, PA
New Berlin-Middleburg Hwy.
717-837-3201

TIOGA CO.
CANYON IMPLEMENT, INC.
Mansfield, PA
717-724-2731

WAYNE CO.
MARSHALL MACHINERY
Honesdale, PA
717-729-7117

WYOMING CO.
ACE-JURISTA, INC.
Tunkhannock, PA
717-836-2610

YORK CO.
AIRVILLE FARM SERVICE
Airville, PA
717-862-3358

GEORGE N. GROSS, INC.
RD 2, Dover, PA
717-292-1673

M&R EQUIPMENT, INC.
New Park, PA
717-993-2511

CARROLL CO., MD
WERTZ GARAGE, INC.
4132 E. Main St.
Linboro, MD
301-374-2672

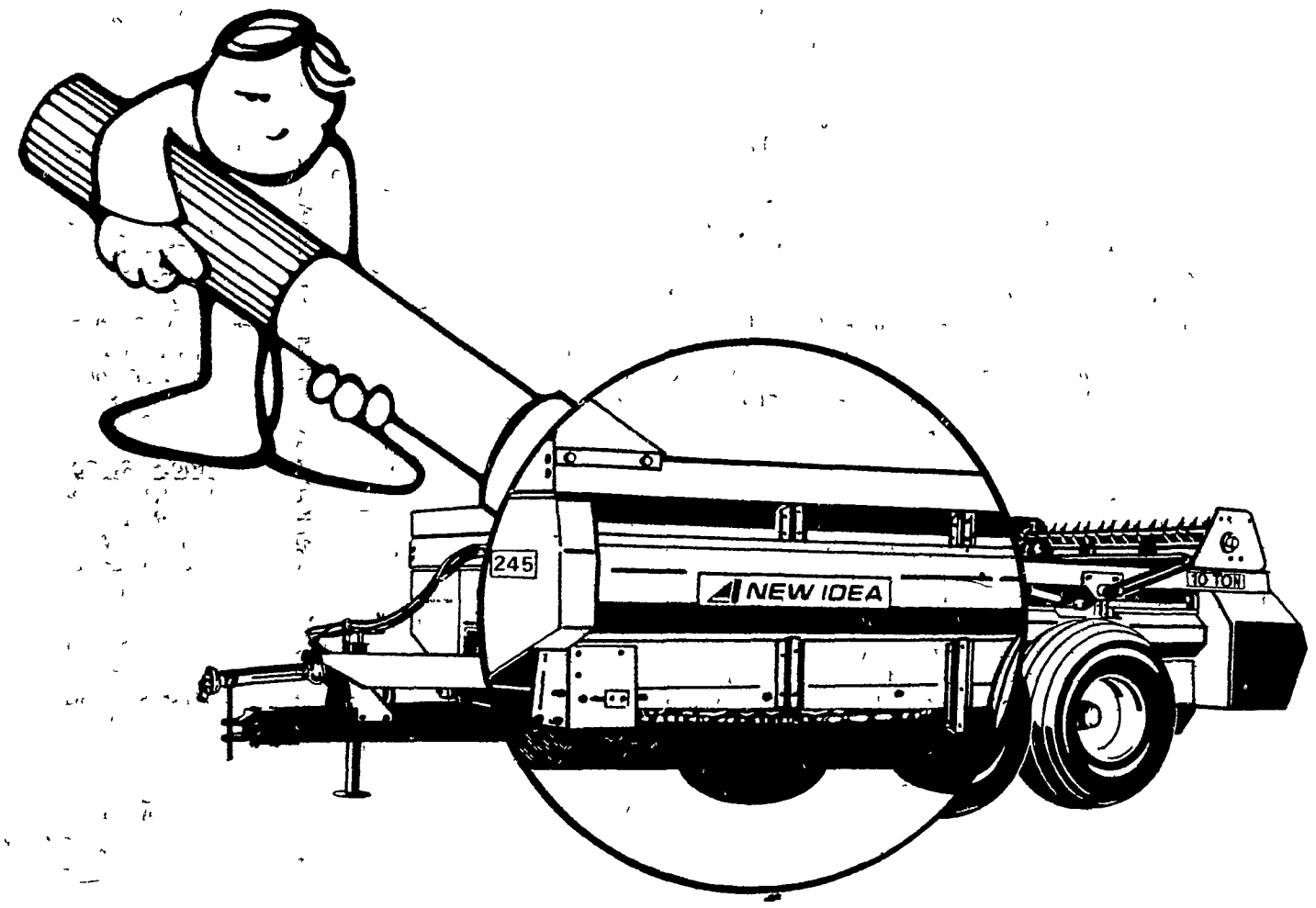
CECIL CO. MD
AG INDUSTRIAL EQUIPMENT CO.
Rising Sun, MD
301-658-5568

FREDERICK CO., MD
KNOTT N. GEISBERT, INC
RD 2, Frederick, MD
301-662-3800

HARFORD CO., MD
WALTER G. COALE, INC.
Churchville, MD 21028
301-734-7722

ENFIELD EQUIPMENT, INC.
Whiteford, MD 21160
301-452-5252
301-838-0480

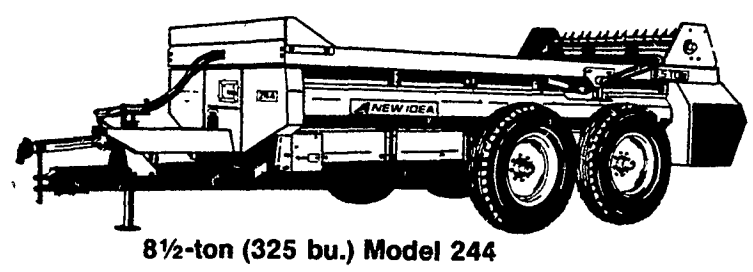
BRAND NEW FROM AVCO NEW IDEA...



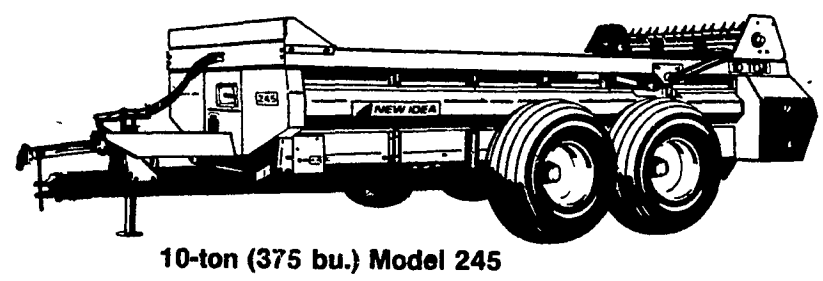
The BIG ONES with the Big Features

Stop by your local Avco New Idea Dealer and be among the first to discover the BIG ONES, the newest and biggest manure spreaders yet from Avco New Idea. Modern styling, heavy-duty construction and an all-wood box that resists corrosive acids have been combined with big capacity — 325 bushels on the 8½-ton Model 244, 375 bushels on the 10-ton Model 245. Then we added features farmers have asked for, like a new heavy-duty worm gear conveyor drive, unique conveyor overload clutch, new rugged frame and an extra heavy beater assembly with deep formed paddles.

Plus a number of time and labor-saving options to make the spreading job even easier. All these features ... and more, from the people who invented manure spreaders back in 1899.



8½-ton (325 bu.) Model 244



10-ton (375 bu.) Model 245

Visit one of these fine Avco New Idea Dealers Below And On Opposite Page:

WASHINGTON CO.

ALLISON BROS.
Main St.
Hickory, PA
412-356-2261

FIELDS IMPLEMENT STORE
P.O. Box 97
Eighty Four, PA
412-222-1154

ARMSTRONG CO.

SNYDERS IMPLEMENT STORE
220 N. Grant Avenue
Kittanning, PA
412-543-2441

FAYETTE CO.

UNIONTOWN FARM EQ. CO.
P.O. Box 1030
Uniontown, PA
412-437-9851

INDIANA CO.

W.G. SATTERLEE, INC.
Main Street
Marion Center, PA
412-397-5533

BLAIRSVILLE FARM SERVICE, INC.
R.D. 1, Box 625
Blairsville, PA
412-459-9600

November food basket report released by Shelhamer

HARRISBURG - The monthly food basket report for November showed that Pennsylvania consumers were paying less than they did six months ago for the average food basket, according to State Secretary Kent Shelhamer.

Shelhamer said that the average cost of the 14 food basket items sampled in rural and urban stores throughout the Commonwealth in November was $11.13, up 35 cents from the October cost of $10.78. Shelhamer pointed out that six months ago, in May, consumers were paying $11.15 for the same items. Food basket costs were highest in July this year at $11.30 for the food basket.

He noted that food was still a bargain with prices below levels of six months ago, and said that consumers should "recognize the tremendous job our farmers have done in production which helped keep food prices below the national inflation rate."

According to the survey conducted by the Agriculture Department's Bureau of Rural Affairs, all six regions in the commonwealth showed an increase in the cost of the food basket in November, ranging from 14 cents in the southwest to 67 cents in the southeast central region.

The southwest region showed the highest price in the state with a food basket average of $11.42. The northcentral region continued as the least expensive region with foodbasket costs listed at $10.87.

The difference in the cost of the food basket purchased in rural stores versus urban stores in November was 2.26 per cent. Rural shoppers found their food bills 25 cents more expensive for the same items as urban shoppers during the month.

The savings in purchasing storebrand rather than namebrand items in November decreased from the 11 per cent registered in October to nine per cent in November. The statewide average cost of selected food basket items was $7.08 for storebrand goods compared to $7.74 for namebrand. Eight products, selected to allow consumers a consistent choice between namebrand and storebrand varieties were sampled for the comparison.

Of the 14 products, only cornflakes decreased in price during November, going from 70 cents to 69 cents a pound.

Items increasing in price in November were coffee from $2.81 to $2.86 a pound; whole chicken, from 64 to 65 cents a pound; eggs, from 81 to 88 cents a dozen large eggs; ground beef, from $1.28 to $1.35 a pound; and American Cheese, from $1.79 to $1.87 a pound.

Items fluctuating less than a cent were potatoes, 15 cents a pound; cabbage, 17 cents a pound; canned peaches, 39 cents a pound canned corn, 36 cents a pound; sugar, 25 cents a pound; shortening, 64 cents a pound; and bread, 43 cents a pound.

The monthly food basket survey is intended to provide Pennsylvania consumers with information on food pricing trends in the commonwealth.

Nitrites called natural defense

CHICAGO, Ill - Is the human body's normal production of nitrite a natural defense against botulism spores which are all around us? Dr. F.E. Deatherage, veteran biochemist at Ohio State Univ., says there is evidence this is the case. Despite the fact that we are exposed constantly to Clostridium botulinum spores, for some reason these spores do not germinate to active toxin-producing bacteria in the human gut. Evidence suggests that nitrite produced normally in the intestines is a natural protection, Deatherage says, just as nitrite in cured meat prevents outgrowth of the feared bacteria.

The evidence Deatherage cites relates to sudden infant death syndrome, where babies die in their cribs for no apparent reason. It has been shown that many of these fatalities are due to the outgrowth in the infant's intestine of Clostridium botulinum spores to active vegetative bacteria which produce enough toxin to kill the baby. "It is reasonable then to consider that normal bacterial nitrification processes producing nitrite have not been sufficiently developed in the first months of life to protect some babies," the Ohio State scientist observes. "This idea needs further study. Nevertheless, it has sufficient merit to cause the Sioux Honey Association to issue a notice of warning that honey should not be fed to infants less than one year old. Honey, which is almost a sacred food to some faddists, is well laced with botulinum spores."

Dr. Deatherage also provided these figures on the amount of nitrate - which converts to nitrite in the human mouth and intestines - occurring naturally in certain vegetables: celery, up to 2600 parts per million; lettuce, up to 1400 ppm; radishes, 2400-3000 ppm; zucchini-squash, 600 ppm. Cured meats contain maximum of 156 ppm nitrite - bacon, 125 ppm.

Deatherage said the Delaney Amendment and other regulations need revision to place them "in concert with the laws of nature..."

Private individuals, corporations own 60 per cent of U.S. land

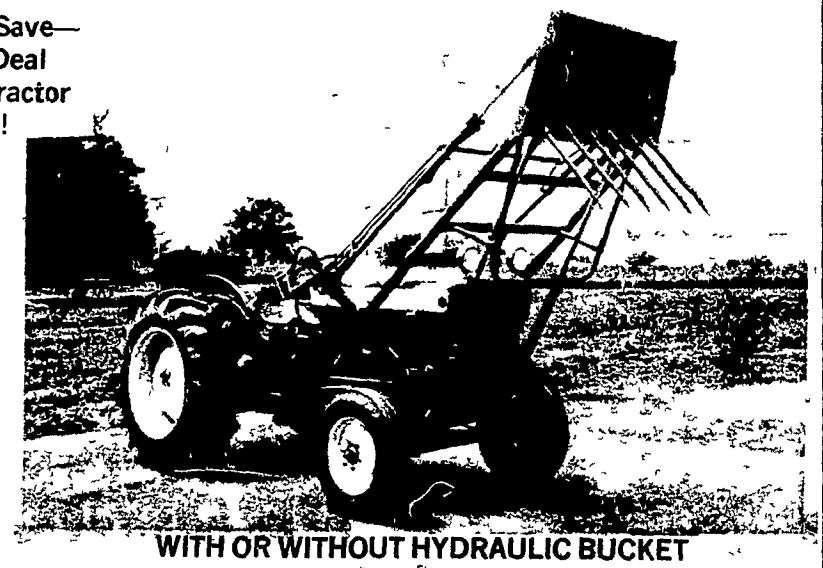
WASHINGTON, D.C. - Private individuals and corporations own about 60 per cent of the 2.3 billion acres of U.S. land, while the rest is owned by federal, state and local governments and American Indians, according to a report issued recently by the U.S. Department of Agriculture.

Knowing who owns U.S. land is important, according to Gene Wunderlich, economist with the Department's Economics, Statistics and Cooperatives Service. "Land ownership affects how wealth is distributed, how land is used and, from the Department's standpoint, how land policies are made," he said. Getting detailed information on landowners is often difficult, according to Wunderlich, because not all actual owners may be recorded and many different people may hold rights to the same piece of land.

About 7 to 8 million farm, ranch and forest owners hold close to 95 per cent of all privately held land, while the two per cent of the U.S. land used for housing is owned by between 47 and 58 million people. Commercial, industrial, recreational and other uses account for the remaining three per cent.

In the report, Wunderlich describes the status of data on U.S. landownership analysis, policy formation and administration. He explains how landownership terms often confuse the understanding and use of data, he suggests improvements in data systems that could help obtain more useful information and he describes the national landownership survey being conducted by the department.

Single free copies of "Facts About U.S. Landownership" (AIB-422), are available by writing: ESCS Publications, room 0054-S, U.S. Department of Agriculture, Washington, D.C. 20250. Please indicate your zipcode.

FORD TRACTOR
WITH SAUDER LOADER AND BLADES TO FIT MOST TRACTORS
Trade and Save— Make a Deal on New Tractor Now!

WITH OR WITHOUT HYDRAULIC BUCKET
SERVING THE COMMUNITY THIRTY YEARS
ALLEN H. MATZ, INC.
505 E. Main St., New Holland (717) 354-2214

LONG 560 TRACTOR
All Purpose Four Cylinder Diesel Agricultural Tractor

The Long 560 offers . . .
Plenty of smooth, dependable power for most jobs around the farm — from heavy field work to farmyard chores. Designed for efficiency, long life and ease of operation. Features such as five bearing crankshaft, independent PTO, power steering, 8-speed transmission, deluxe seat, and lighting all included at no extra cost Now with new styling and a vibration damper
TEAM UP WITH YOUR CHOICE OF FRONT END LOADER
★ 60" MANURE BUCKET
★ 68" DIRT BUCKET
★ 84" SNOW BUCKET
LONG See Your Long Dealer For Your Best Tractor Values ... LONG
I. G. AG SALES, Silverdale, PA, 215-257 5136
MELROSE FARM SUPPLY, Rt. 16 West, Greencastle, PA, 717-597-3138
NORMAN D. CLARK & SON, Honey Grove, PA, 717-734-3682
CLAPPER FARM EQUIP., RD1, Alexandria, PA, 814-669-9015
AGROPHILOS, INC., RD1, Millerstown, PA, 717-444-3232
MAIDENCREEK FARM SUPPLY, Blandon, PA, 215-926-3851
COLUMBIA EQUIPMENT CO., Bloomsburg, PA, 717-784-7456
WENGER'S INC., S Race St., Myerstown, PA, 717-866-2138

HOG PRODUCERS!
Get Top Price for Your Hogs at New Holland

Sold in a fast, efficient auction way. See them weighed and sold and pick up your check.
SALE EVERY MONDAY - 8:00 A.M.
NEW HOLLAND SALES STABLES, INC.
Phone 717-354-4341
Daily Market Report - Phone 717-354-7288
Abe Diffenbach, Manager

How to get the most out of your wood burner

NEWARK, Del. - Experts say conventional fireplaces are only 10 per cent efficient, while air-tight stoves can be 60 to 70 per cent efficient. But what do these efficiency ratings mean?

Delaware Extension agricultural engineer Ernest Walpole explains that these efficiency ratings refer to the proportion of the total heat content of the wood that actually goes toward heating the room. All the rest is wasted, as heat lost through the chimney, as incomplete combustion (soot),or as heat used to evaporate moisture in the wood.

Fireplaces are attractive, says Walpole, but their low energy efficiency makes them a poor choice for thrifty home heating. However, with an efficient stove, wood can be an economical alternative to gas or oil heat.

What many people do not realize is that the highly efficient stove is more prone to dirty chimney problems and the potential hazards of chimney fires than less efficient wood burning devices. This is primarily because less heat goes up the chimney when more is used to heat the room. Thus, the flue temperature is lower, and certain volatile combustion products condense out in the stove pipe and chimney. A collection of wood tars, known as creosote, combines with soot in the chimney to produce a highly combustible mix.

When wood starts to burn, the first thing that happens is the mosture is driven off. Dry wood contains 15-20 per cent moisture by weight, while green wood can have four times as much. After this, the volatile tars are driven off. However, if the fire is hot and fast burning, most of the volatiles are burned in the firebox. This is seen as flames above the wood. Whatever is not burned is carried up the chimney as vapor. If the fire is hot enough, these vapors will be carried right outside, with very little condensation in the stove pipe or chimney. After the volatiles are driven off, the remaining wood is mostly carbon, which can be dampered off and burned more slowly.

Therefore, to operate a wood stove efficiently and safely, it's important to burn only dry wood. Heat used to drive off moisture is heat lost, points out Walpole. It takes 1000 BTU's to drive off a single pound of water, and while the water is being driven off, the temperature of the wood will not exceed the boiling point of water. This tends to lower the entire firebox temperature.

As an added precaution, burn hardwoods as much as possible. Avoid coniferous woods except as kindling. Coniferous woods generally have a much higher creosote content than hardwoods. Coniferous woods burn with a hot fire of short duration. If dampered off, they will clog up your chimney very rapidly.

Keep a small fire, warns Walpole. The firebox should not be more than half full. The flames above the wood should be in the firebox, not in the chimney or smoke pipe.

When adding wood, open the draft until the moisture is driven off and the volatiles have been burned. This should take five to ten minutes, depending on the stove. With experience, Walpole says, owners come to know the idiosyncrasies of their particular wood stoves.

It's easier to keep a fire going using smaller pieces of wood, says Walpole. Split large pieces to a maximum size of four to five inches.

Don't completely close the damper on an operating wood stove. Allow enough draft to keep the combustion going. On cold days when more heat is wanted, open the damper wider. At bedtime or upon leaving the house, the damper should be closed completely.

Once a day, build a small hot fire and let it burn. Split some of your best wood into 1½-inch to 2-inch pieces for fast burning. Burn five or six of these sticks with the damper open. This will really heat up the smoke pipe and chimney and will clean out much of the soot and creosote.

Check the smoke pipes about once a month and clean as necessary. Clean or have your chimney cleaned once a year, and make sure the ash pit is emptied. An accumulation of ashes at the base of the chimney could reduce or stop the draft through the stove.

Help sought for eagle count

WASHINGTON, D.C. - The National Wildlife Federation is calling on federal and state agencies as well as bird clubs and other outdoor groups to assist in its first nationwide bald eagle count.

The survey, which is planned as an annual census, will be conducted during the last three weeks of January under the auspices of NWF's Raptor Information Center. That period was chosen because eagle movements are at a minimum at that time of the year.

Those who would like to assist with the eagle count, or obtain more information, should contact: Raptor Information Center, National Wildlife Federation, 1412 16th Street, NW, Washington, DC 20036. Or call (703) 790-4264.

STOLTZFUS MEAT MARKET

RETAIL MEAT MARKET
RIGHT ON THE FARM.

- FRESH CUT BEEF & PORK
- FRESH EGGS RIGHT FROM THE FARM

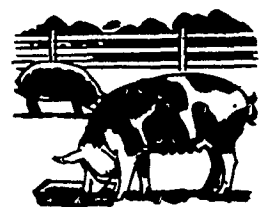
PORK AND SAUERKRAUT FOR THE NEW YEAR HOLIDAY

Orders Taken For Beef Sides; Wrapped And Ready For Your Freezer.

Attention Farmers:
We Do Custom Slaughtering For Your Freezer.

PH: 768-7166
Directions: 1 block east of Intercourse on Rt. 772
Reg. Hours: Thurs. 9-5; Fri. 9-8; Sat. 8-5

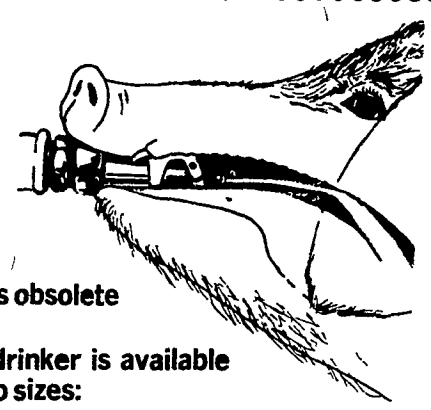
FARMER BOY PRODUCTS



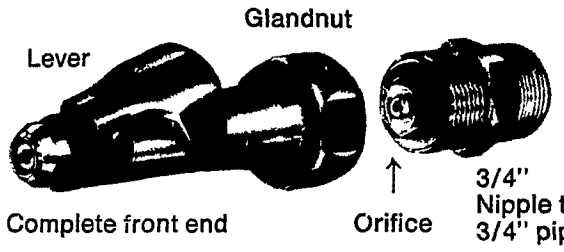
RD4, Box 135, Myerstown, PA 17067

SALES: LEON HOOVER, (717) 866-5692

USE ARATO NIPPLE-PIG-DRINKERS SO WATER DOES NOT COST YOU TWICE



This watering device makes all other pig watering devices obsolete



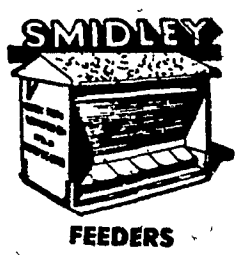
The drinker is available in two sizes:

Arato SN "standard drinker" for weaners-feeders sows and boars.

Arato FN "mini drinker" for piglets where sows have no access

WE SELL:

CHORE-TIME Made to work. Built to last.



FEEDERS

Quality Stanfield Product TM

HEATING PADS

SHENANDOAH

★ ARATO WATER NIPPLES

★ FARROWING CRATES

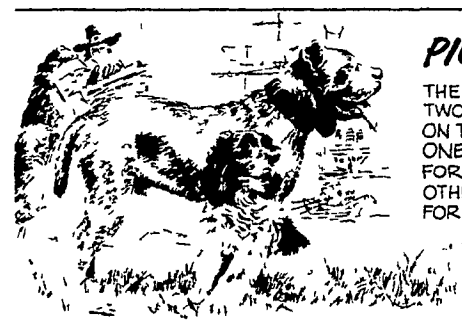
★ CUSTOM HOG FENCING
• SUPER • REGULAR • ECONOMY

★ HOG SHELTERS
PORTABLE FATTENING-
40 to 70 HEAD UNITS

★ MODULAR TYPE FARROWING AND NURSERY HOUSES
• FEATURING CHORE-TIME AUTOMATIC VENTILATION SYSTEMS

★ PLYWOOD FEEDERS

a Dog's Life



PIONEERS

THE PILGRIMS BROUGHT TWO DOGS TO AMERICA ON THE MAYFLOWER. ONE WAS A MASTIFF FOR GUARDING, THE OTHER A SPANIEL FOR HUNTING.

SAFETY FIRST

MAKE SURE BOWSER WEARS HIS IDENTIFICATION TAGS AT ALL TIMES ANIMAL SHELTERS REPORT THAT LACK OF IDENTIFICATION IS THE MOST COMMON CAUSE OF PERMANENTLY LOST PETS

FEEDING TIP

DOGS THAT SPEND MUCH TIME OUTDOORS IN THE WINTER NEED EXTRA FUEL TO MAINTAIN BODY TEMPERATURE. INCREASE FIDO'S DIET BY AT LEAST ONE-FOURTH DURING SEVERE COLD SPELLS

From Friskies Nutrition Research Kennels

Support Your Local SPCA or Humane Society ASR

★ NOTICE ★

As of January 15, 1979,
I will discontinue my
Badger Sales and Service.

ISAAC HURST
East Earl, Pa.

IF IN NEED OF BADGER EQUIPMENT OR SERVICE, CALL ANY OF THE FOLLOWING DEALERS:

- 717-299-2536 - Show Ease Stall Co., Lanc. Co.
- 717-786-7318 - Grumelli's Farm Service, Chester Co.
- 215-932-4700 - Lloyd E. Kreider, Chester Co.
- 717-865-4526 - Heisey Farm Equipment Lebanon Co.
- 215-562-7218 - Roy Christman, Berks Co.

LIFE on the farm

By Dieter Krieg, Editor

All rights reserved by Dieter Krieg

The folks who make glass-lined, air-tight feed storage structures might disagree, but I'd say a farm just wouldn't be complete without the availability of used baler twine. It's an item for which a farmer can find hundreds of uses. Those loops of string hanging on a nail down in the barn can almost be classified as a tool.

Used bale strings come in especially handy during emergencies and hasty repairs. We've used'em to tie up gates, hold latches, tie calves, wipe grease off our hands, pull calves during birth, keep water bowls from overflowing, and control levers on machinery. I've even used them as a make-shift glove.

A bunch of them secured around a cow's head will make a dandy temporary halter. On several occasions we've even used them as a "bit" in a cow's mouth to relieve gases due to bloat.

Used baler twine can be used to make fine swings, door mats, and unusual decorations, among other things. A couple of them in the tool box of a tractor is always an idea which is never regretted. The applications of used baler twine are as varied as the chores on a farm. One day a "rope" made from them might come in handy to secure a broken stake on a truck. The next day a string or two might be used in the delicate procedure of bringing a calf into the world.

Flexible, lightweight, strong, and adaptable to a variety of uses, bale strings have probably been used more than any other instrument to pull calves from tight wombs. Plentiful on most any farm, they probably also rank first in temporary repairs of delapidated equipment. Sometimes they even stay on the job after genuine replacement parts have been obtained.

On the other hand, those same bale strings are a nuisance. Occasionally a string or two gets into the manure and gets wrapped around the beater of the spreader, for example. In a year's time, a bunch of them can make a considerable change in the mechanical operation of a manure spreader. Those strings are also good at tripping people if they're left to lay around on the floor. And, of course, if you happen to have a few of them hanging in open places around the barn during the Summer, the fly population can really give them the business.

Anything fixed with baler twine looks rediculous and poor, but give them credit - they often do the job if nothing else is handy at the time. The most undesirable thing about them is that they tend to accumulate faster than they can be put to use. At that point they're just one more heap of trash which has to be hauled away.

But how precious used bale strings are if you're in a far corner of the farm, a latch breaks loose on the truck, and you just happen to have a couple pieces of baler twine in your pocket to mend the situation. And if you don't happen to have those strings handy when you need them, that's when you find out how useful they really can be.

Like so many other things that are a part of our daily lives, they're easily taken for granted until they're not so plentiful anymore.

Nelson Breneman honored by FFA

MILLERSVILLE - Nelson Breneman, 16 year old member of the Manor FFA chapter, has been selected as December's "Member of the Month" by his local chapter.

Nelson is the son of Mr. and Mrs. Amos Breneman, Franklin View Farm, Columbia R2. He has been active in FFA work and is presently serving as treasurer of his chapter. Nelson sold 81 crates of oranges for his chapter's annual citrus sale. He has been parliamentarian of his chapter and is enrolled in the swine breeding, swine fattening and layers projects.

Nelson raises his pigs at his father's poultry and dairy farm, which he also works on. In addition, Nelson keeps records on 1000 chickens.

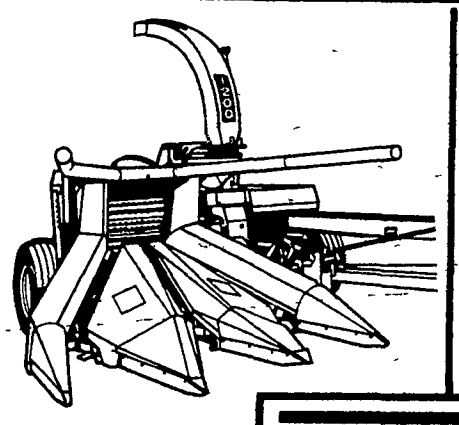
Nelson Breneman

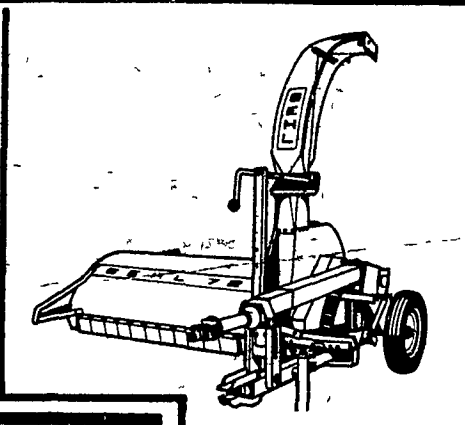
Nelson said he would like to farm when he graduates from Penn Manor High School.

Exports noted

WASHINGTON, D.C. - The U.S. Department of Agriculture recently announced that under its daily reporting requirements, private U.S. exporters of agricultural commodities reported export sales contracts totalling 300,000 metric tons (11.8 million bushels) of corn for export to the Red China during the 78/79 marketing year (ending Sept. 30, 1979).

To date, sales made for delivery to Red China in the current and next marketing year are as follows: wheat - 3.9 million metric tons; corn - 2.7 million metric tons; soybeans - 57,000 MT; soybean oil - 80,000 MT; and cotton - 363,700 bales. Of this total, only the 80,000 metric tons of soybean oil involves optional origin sales. All other sales specify U.S. origin.





GEHL® FARM EQUIPMENT

Forage Harvesters

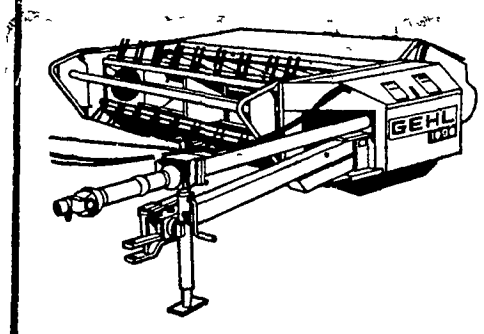
1200 ..... $325
800 ..... $275
700 ..... $225

Flail Chopper

72 ..... $150

Mower Conditioners

770/880 ..... $200
1070/1090 ..... $200



Gehl Tax Saver Sale!

You can save money **AND** taxes if you buy now!

First, stop in and we'll make our **BEST DEAL** on a new Gehl forage harvester, mower conditioner or flail chopper

Second, Gehl will send you a **CASH BONUS** of **up to $325!**

Third you'll be eligible for a **10% Investment Credit** off your '78 taxes Your combined savings could be **$1000...$1400...or more!**

But hurry! The offer is good only from **Oct. 30 thru Dec. 31, 1978**

Although it doesn't apply to Tax Saver Sale purchases, Gehl also offers **Waiver of Finance** until June 1, 1979 on selected equipment

Stop in and we'll give you all the details

N. G. HERSHEY & SON
Manheim, PA
717-665-2271

A. L. HERR & BRO.
Quarryville, PA
717-786-3521

S. JOHNSON HURFF
Pole Tavern
Monroeville, NJ
609-358-2565 or
609-769-2565

STOUFFER BROS. INC.
Chambersburg, PA
717-263-8424

ARNETT'S GARAGE
Rt 9 Box 125
Hagerstown, MD
301-733-0515

NEVIN N. MYER & SONS, INC.
Chester Springs, PA
215-827-7414

UMBERGER'S MILL
Rt. 4 Lebanon, PA
(Fontana)
717-867-5161

ZOOK'S FARM STORE
Honey Brook, PA

BINKLEY & HURST BROS.
133 Rothsville Station Road
Lititz, PA
717-626-4705

PEOPLE'S SALES & SERVICE
Oakland Mills, PA
717-463-2735

AGWAY, INC.
Chapman Equip. Center
Chapman, PA
215-398-2553

KING'S TOWN TRACTOR CO., INC.
Rt. 213 South
Chestertown, MD
301-778-1640

CHAS. J. McCOMSEY & SONS
Hickory Hill, PA
215-932-2615

WERTZ GARAGE
Lineboro, MD
301-374-2672

LEBANON VALLEY IMPLEMENT CO., INC.
Richland, PA
717-866-7518

CLAIR J. MYERS
Lake Road R1
Thomasville, PA
717-259-0453

Coming....

SATURDAY, JANUARY 6

Lancaster Farming's Annual

PA. FARM SHOW ISSUE

Featuring....

★ Special Farm Show Stories
★ DHIA Reports
★ Keystone Farmer Resumes
★ Complete Farm Show Schedule
★ And Many Extra Features

ADVERTISERS: Plan Now to be represented in this Special Issue. Deadline December 27

The house mouse is an elusive little thief

NEWARK, Del. – The common house mouse is not a very imposing creature. It's only about six inches long – mostly tail – weighs about three-fourths of an ounce, and spends most of its life pretty well out of sight. As a result, it often goes unnoticed, until a dog food bag stored in the garage develops a hole, or until a basket of knitting on the top shelf of a closet is suddenly turned into a mouse nursery.

Mus musculus, the house mouse name, means "little thief," and it describes this wanderer from Asia perfectly, says Delaware Extension entomologist Frank Boys. Today "Mus" is found from the tropics to the arctic regions all over the world. Because the mouse is so small and requires so little food, it has spread much faster than rats. It probably has the widest distribution of any mammal except man.

In order to control this pest, one should know something about its breeding potential and habits, says Boys. Mice are extremely fast reproducers. Since the gestation period is only about 21 days, a single female could produce as many as 14 litters per year. Litter size averages about eight young. Females can rebreed a few hours after giving birth. Mice also tend to have community nests, and sometimes as many as 50 young have been as found together.

The size of a mouse's territory depends upon the physical arrangement of its environment and the number of other mice in the area. A mouse might not travel more than ten feet from its nest if food is close by and/or if there are many mice in the area. Some mice may spend their entire lives in a pallet of feed.

House mice can survive long periods without drinking water. If their food contains some water, they don't need any drinking water. However, water baits are readily accepted.

The house mouse reacts to change by exploring it immediately, often investigating traps even though they are unbaited. In fact, your control success may be increased if you make constant changes in the mouse's environment. Changing baits or the placement of baits or traps helps. Mice also travel along walls or objects and in shadows. Where studs and sills are exposed, the mice will run on the sill and go around each stud; rats will travel on the floor. Traps and baits should be placed along their normal pathways.

If you're not sure whether you have more than one mouse in your dwelling, look for small holes in walls and doors, for tiny droppings on floors and rafters, and for feeding signs. When you see mice scurrying for cover as you enter the house, you know you have a problem, says Boys. Don't fall under the common delusion that mice don't do much damage and therefore aren't worth controlling.

Eliminating places where mice can live, and making food unavailable to them, are the only permanent control measures. Keep the premises clean! Avoid piles of trash and accumulations of junk. Pay particular attention to the disposal of garbage and trash. Place it in garbage cans, not plastic bags, and keep them closed until the regular time for dumping.

Food placed out-of-doors for pets and birds should be watched. Clean up scraps regularly, and place bird food in a mouse-proof feeder.

Try to keep rodents outside buildings; close as many small openings into the building as you can. Unfortunately, mice can squeeze through a quarter-inch hole. Cover surfaces that mice could gnaw through, such as window frames and the bottom of doors, with metal flasking or hardware cloth.

The small breakback and choker-loop traps can be used where there are signs of mice. In buildings, place traps along the wall, with trigger end toward the baseboard, or against boxes or other objects at intervals of two to three feet. Many traps should be used if mice are abundant. If a mouse hole is found, place a trap about nine inches on either side. Bacon, peanut butter, gumdrops, or rolled oats are effective baits (cheese is not). A little loose bait should be placed under the trigger to catch mice skillful at robbing traps. A string or light wire from the trap to some nearby object will prevent a prowling cat from carrying the trapped mouse away, and will also keep a mouse caught by the tail or foot from crawling into hiding.

If you use poisoned bait, be sure to prepare a lethal dose, as a sublethal dose will only make the mouse sick, and it will avoid the bait thereafter.

In cases of heavy mouse infestations, after all control efforts on your part have failed, contact a reputable pest control operator, preferably a member of a state or national pest control association.

CCC gives loan summary

WASHINGTON, D.C. - The Commodity Credit Corporation (CCC) had $5,486,531,000 invested in commodity loans and inventories on October 31, according to Ray Fitzgerald, Executive Vice President, CCC, U.S. Department of Agriculture. Loans outstanding totaled $4,424,816,000 and inventories $1,061,715,000. A year earlier, CCC had total investment of $4,720,076,000 including $3,700,925,000 in loans outstanding and inventories of $1,019,151,000.

Farmer-owned grain reserve program balances as of October 31, 1978, consisted of wheat, 388,320,386 bushels valued at $877,561,126 and feed grains, 410,935,124 bushels worth $748,568,488. Applicable storage payments amounted to $256,997,217.

New loans made for storage facilities and drying equipment during October 1978 amounted to $150,259,910, as compared with $74,910,126 for October 1977. Loans outstanding under this program as of October 31,1978, compared with October 31, 1977, amounted to $933,855,121 and $301,978,913, respectively.

$$ ATTENTION $$

LIQUID MANURE TANKS
DISCOUNTED NOW FOR
BIG DOLLAR $AVING$

2250 & 3000 Gallon Slingers,
All Sizes Vacuum Tanks, Agitator
Filler Pumps, and Plowdowns Available.
Don't miss this one-time offer to buy the top quality tanks at discounted $aving$.

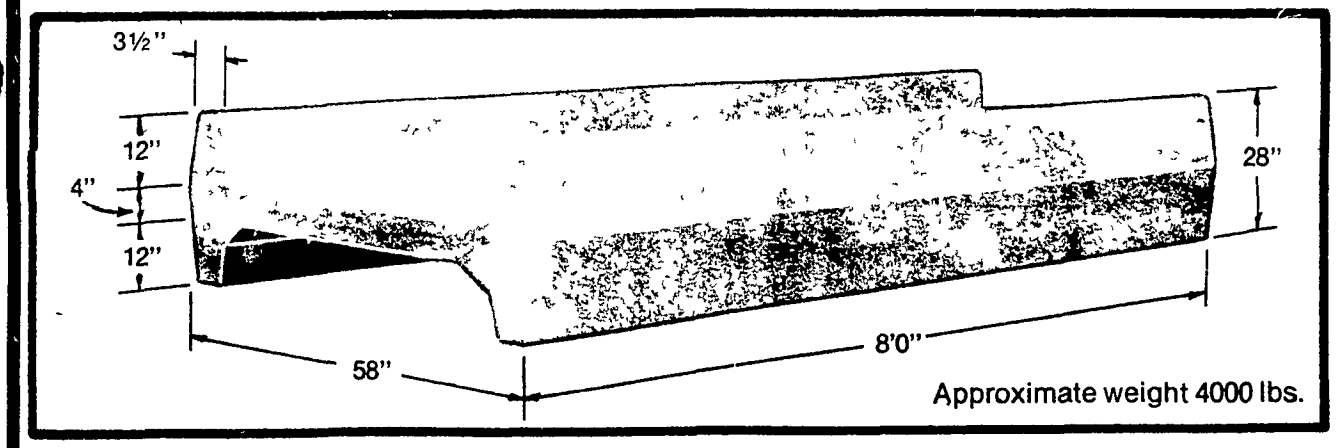
PH: 717-263-3505

SOLLENBERGER

R. R. 2
Chambersburg, Pa. 17201
Phone 717-264-9588

CONCRETE

"H" TYPE FEED BUNKS



Approximate weight 4000 lbs.

Featuring

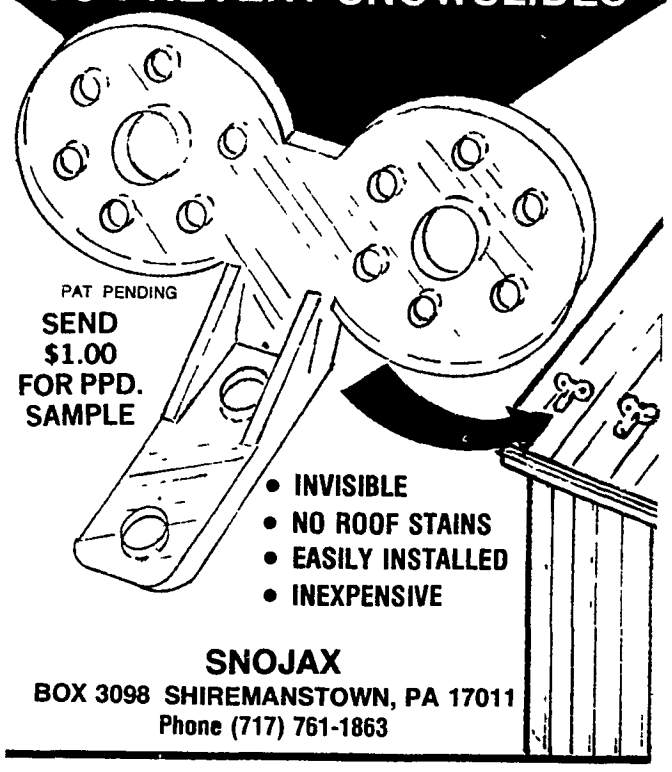
- Large Capacity
- Steel Reinforced
- Movable — for future expansion
- Strong enough to support a roof and feeder
- No corners to retain spoiled feed

INSTALLATION OF BUNKS

We have the necessary equipment to handle and install these heavy bunks. Customer shall make roadway to feed lot passable for our delivery truck.

SNOJAX

CLEARLY, THE BEST WAY TO PREVENT SNOWSLIDES



PAT PENDING

SEND $1.00 FOR PPD. SAMPLE

- INVISIBLE
- NO ROOF STAINS
- EASILY INSTALLED
- INEXPENSIVE

SNOJAX
BOX 3098 SHIREMANSTOWN, PA 17011
Phone (717) 761-1863

Public Sales Register

SAT. DEC. 30 - 10 A M Public Sale. From Rt. 11 at Inwood, W Va., turn East on Rt. 51, travel 3 miles to Ellinger's Market (formerly Haines) turn right, 2 of a mile to sale Or from Charles Town, W. Va take Rt 51 West to Ellinger's, turn left 2 of a mile to sale Sale Manager Edgar A Bohrer. Auctioneers- Miller, Bohrer & Morrow

JANUARY

MON. JAN 1 - 9 A M - Farmersville Auction Annual New Years Day Antique Sale. In Farmersville, 3 mi East of Brownstown, Lancaster County, PA John J Rutt, Auctioneer

MON JAN 1 - 10 A M Public Auction Located at Potties Auction Barn, on U S 11 midway between Carlisle & Shippensburg A Lot of Antiques, Collectible & Modern Items For Information call Potty 717-776-3577

MON JAN 1 - 11 A M New Year's Day Auction at the Orville Miller Farm at Howard, NY Take exit 35 from Rt 17, then new So Tier Expressway between (30 mi from Lawrenceville or Knoxville, Pa) Owned by Mr & Mrs Orville Miller Rumsey Sales

TUES JAN 2 - 4 P M Livestock Sale of Herd of 82 Angus Cows & Calves Harry Rudnick & Sons, Inc

WED JAN 3 - 9 30 A M Consignment Sale of Tractors, Farm Machinery, Horse Drawn Implements, New Tools and Hardware by David H Good, located ½ mile North of Route 23 on North Maple Ave , in Leola, Lancaster Co , Pa Watch for sale signs F Snyder, R Martin, C Wolgemuth, J Fry, and L Horst, Auctioneers

WED JAN 3 - 1 P M Dairy Herd Dispersal at Belleville Livestock Market, Belleville, Pa For the Estate of Edward Rishel Mark Glick, Manager

Sale reports

A Complete Dispersal of farm machinery and a herd of cows was held December 21 for the Kenneth Allen Estate, 5 miles from Mansfield, Pa.

The 48 head of grade Holsteins averaged $855, with the high cow selling for $1360 and many in the $1100 to $1200 range.

Other items sold were: 600 gal. Mueller Bulk Tank & Compressor $2350, Badger Barn Cleaner $650, 1975 F100 Ford Truck $1700, Ford 5000 Tractor 4-wheel Drive $4100, Ford 5000 Tractor $3400, Ford 5000 Tractor $2800, N.H. Side Rake $1025, N.H. 275 Baler and N.H. Haybine $1725.

Auctioneer Arlow Kiehl & Sales Mgr. Gordon Wood.

xxx

The Farmersville Auction was held December 19, 3 miles east of Brownstown, Lanc. Co., Pa.

Some items sold included: Kellogg's Avertising Measuring Cup $4.50, Waterfall Bedroom Suite $160, Empire Bureau $37.50, 4 cane seated Chairs $52, New Platform Rocker $65, New Sofa Bed $110, New Cedar Chest $110, set Brass Quoits $22.50, Homemade Marble-Roller Toy $8, Chinese Cabbage 50 cents per head and Persimmons 60 cents for a small dish.

Sale conducted by John J. Rutt.

John Deere Safety Savvy

Know state and local regulations.

CUSTOM BUILT CALF LOO MADE TO ORDER

AARON S. GROFF & SON

FARM & DAIRY STORE

RD3, Ephrata, PA 17522 (Hinkletown)

Phone (717) 354-4631

Store Hours 7 A.M. to 9 P.M

Closed Tues., Wed. & Sat. at 5:30 P.M.

CHORE-TIME Brings You The Air System With A Mind Of It's Own.

Until now, most ventilation systems had one drawback. Air inlets had to be opened and closed by hand

This was time consuming — and pretty much a matter of guesswork.

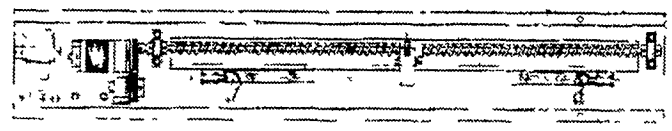
Now, Chore-Time has eliminated this problem.

The Chore-Time system has a mind of its own and adjusts inlets — in conjunction with fan operation — to maintain air pressure at a constant, preset level.

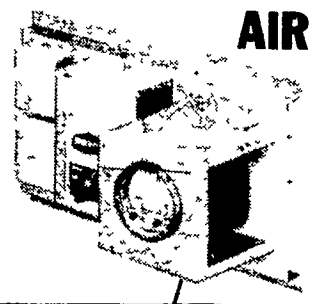
This provides a degree of air and moisture accuracy never before possible in poultry and livestock buildings.

The new inlet control (pictured) is just one of many exclusive features that make Chore-Time air systems number one in performance and reliability.

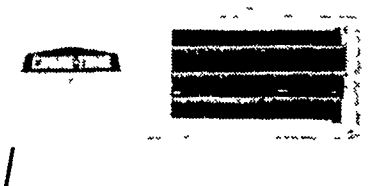
INLET POWER PACK

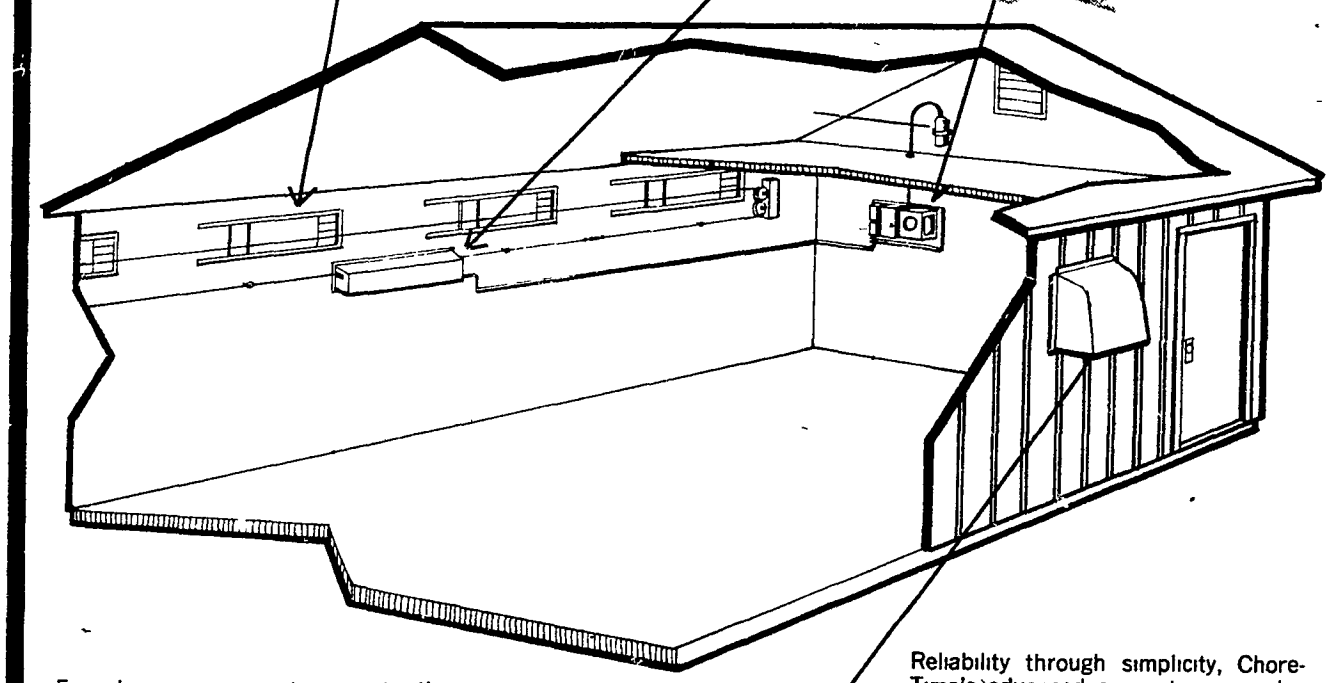


AIR INLET CONTROL



AIR INLETS

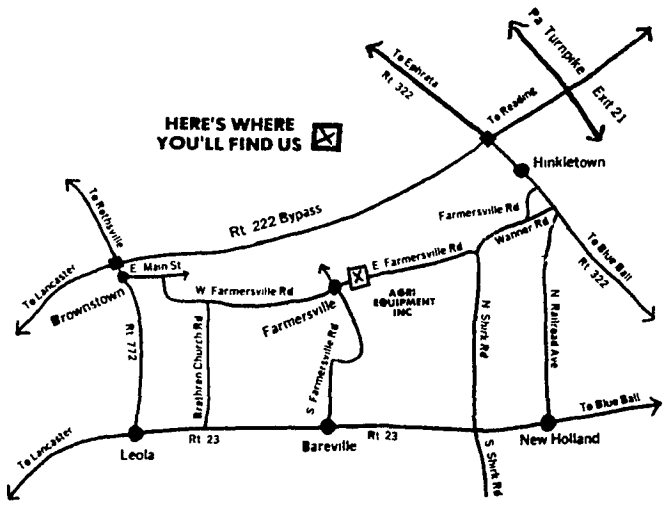




Four basic components go into the makeup of this ventilation system the fan, the inlet, the air inlet power pack, and the controls Coordinated, these four basic components can provide you with better conversion and performance by removing stresses due to lack of oxygen, excess humidity, noxious gases and temperature extremes

Reliability through simplicity, Chore-Time's advanced air system provides automatic control of incoming fresh air, moisture and heat for productive environmental control in agricultural buildings

AUTOMATIC HOOD FAN



If you're thinking about ventilation for a new or existing building, consider a Chore-Time Air System. Your local Chore-Time representative will explain how we do a lot more than move air. We have the proven components and the know-how to design a system that's exactly right for your operation.

AGRI-EQUIPMENT, INC. OFFERS COMPLETE SALES • INSTALLATION • SERVICE

STORE HOURS: Mon. thru Fri. 7:30 till 5:30 Saturday 7:30-3:00

AGRI-EQUIPMENT, INC.

CATTLE - HOG - POULTRY EQUIPMENT

R.D. 4 EPHRATA, PA. 17522

PHONE 717-354-4271

Public Sales Register

THURS. JAN 4 - Horst's Farm Equipment Sale at Marion, Pa

THURS JAN 4 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager; Robert Mullendore, Auctioneer.

THURS JAN 4 - 5 30 P M Public Auction at the Hat & Gavel Auction Co , located one mile North of Lititz along Rt 501 Auctioneer Wilbur H Hosler

THURS JAN 4 - 9 A M Public Sale of Tractors, Farm & Industrial Equipment, etc Located at our place of business 6 miles South of Chambersburg, Pa & 1 mile East of Marion, just East of Rt 81 exit on Rt 914 Ralph W Horst Sale Manager Anderson, Rentzel, Wolgemuth, Upperman & Martin Auctioneers

FRI JAN 5 - 9 30 A M Public Sale of Horses, Dairy Cattle, Horse Drawn Machinery & Some Furniture Located 4 miles West of Winfield, Pa. or 4 miles East of New Berlin, Pa on Rt 304, turn South at Dry Valley crossroad, 2nd farm Isaac J & Anna L Yoder, R.D 1, Winfield, Pa Owners Mark Glick Auctioneer

FRI JAN 5 - 11 A M. Special Draft Horse & Mule Sale at New Holland Sales Stables, New Holland, Pa

FRI JAN 5 - 5 30 P M Gap Auction, located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bidge. Ira Stoltzfus & Son, Auctioneers

FRI JAN 5 - 12 30 P M Wil-Mar Farm Heifer Sale Located on the farm 3 miles Northeast of Middletown on Valley View Road, between Hollow Road & the Middletown-Myersville Road, in Frederick Co , MD 35 Registered Holstein Heifers Sale by J Wilmer "Pete" House Sale managed by Remsburg Sale Service

SAT JAN 6 - 2 P M Public Sale of Valuable Woodland, 24.96 acres, zoned R2 Located in Caernarvon Twp , Lancaster Co , PA Take Rt 10 South at Morgantown, go 2½ miles turn right on Shirktown Rd , 5 mile turn left on Chestnut Oak Rd., 3 mile to tract Terms by Minnie Howe Robert E Martin & Son 656-7770 and Frank L Steller 656-8195 Auctioneers

SAT JAN 6 - 7 P M Merchandise Sale at Danville Livestock and Auto Auction Located Old Rt 11, Danville, PA Consignments welcomed For more information phone Melvin Lehman, Owner 717-275-2880

SAT JAN 6 - 1 P M Burton Complete Dispersal, 41 Head Holsteins Located 3 miles off road leading from Keeneyville to Osceola, Pa Turn by Oliver Machinery Dealer 5 miles from Keeneyville, 7 from Middlebury, 6 from Osceola, 17 from Wellsboro, 5 from Elkland Watch for auction arrows off Rt 287 in Middlebury on Rt 249 in Osceola, Pa. Owners William & Norma Burton Sales Manager Gordon Wood

TUES JAN 9 - 10 A M Bred Gilt Sale at the Pennsylvania Farm Show, Harrisburg, PA, by the Pennsylvania Yorkshire Club

TUES & WED JAN 9 & 10 - PA All Breed Bred Gilt Sales at Farm Show Building, Harrisburg, Pa Auctioneer Harry Bachman

WED JAN 10 - 11 30 a m 50 Purebred Bred Gilt Sale Held at the PA Farm Show, Harrisburg, PA Auctioneer Harry Bachman, for catalogs write Rick Pfautz, Rd 1, Stevens, PA 17578

FRI JAN 12 - Fourty Ninth Sale - Brooks End and Par-Kay Farm Held at the Farm in Beavertown, PA Selling Gilts and Boars Reno & Park Thomas and Mark Stehr Owners Dan Baker Auctioneer

SAT JAN 13 - 10 30 A M Public Sale of Valuable Apartment House, Household Goods and Coins Located on Rt 23 at 173 E Main St , Leola, in Bareville, Lancaster Co , PA Terms by Emma R. Hilton Robert E Martin & Son 656 7770 and Frank L Steller 656-8195 Auctioneers

SAT JAN 13 - 12 Noon Public Sale of Farm Machinery Located along 422 West of Myerstown near the airport Owner Harry Umbenhauer Auctioneers George E. Stone, Jr & John D. Kilmer

WED JAN 17 - 9:30 A.M. Consignmnent Sale of Tractors, Farm Machinery, Horse Drawn Implements, New Tools and Hardware by David H Good, located ½ mile North of Route 23 on North Maple Ave , in Leola, Lancaster Co., Pa. Watch for sale signs. F. Snyder, R. Martin, C Wolgemuth, J. Fry, and L Horst, Auctioneers

WED JAN. 17 - Amos King Dispersal of Cattle, Horses & Equipment Located 2 miles Northeast of Shippensburg, Pa. Ralph W. Horst, Marion, Pa Manager & Auctioneer.

FRI JAN 19 - 10 A M Public Sale at the New Holland Sales Stables Consignment Sale of Horses & Mules for Paul S Waltermyer

FRI JAN 19 - 10 A M Special Sale for Paul Waltermyer at New Holland Sales Stables, New Holland, Pa

FRI JAN 19 - 10 A M Public Auction of Farm Equipment located along Rt 183 between Bernville & Strausstown, Berks Co PA Sale for Francis Moser Ralph W Zettlemoyer Auct Co , Auctioneer

SAT JAN 20 - 11 A M Household Goods, Antiques, Collector Items all in nice condition Located in Lancaster Co , 1½ miles East of Strasburg, 1 mile West of Paradise on Paradise Lane. Terms by Sarah Zook Auctioneer Steve Petersheim 215-869-2508

SAT JAN 20 - 7 P M Horse Sale at the Danville Livestock and Auto Auction Located old Rt 11, Danville, PA. Consignments welcomed For more information phone Melvin Lehman, Owner 717-275-2880

WED JAN 24 - 12 Noon Farm Equipment Sale at the Danville Livestock and Auto Auction Located Old Rt 11, Danville, PA Consignments welcomed For more information phone Melvin Lehman, Owner, 717-275-2880

SAT. JAN 27 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc , Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners. Larry Long, Auctioneer

SAT JAN 27 - 9 30 A M Second Annual Woodworking Tools & Equipment Consignment Auction held for Landis Wood Products, R.D. 3, Ephrata, Pa 717-733-0633 Located 2 mile Northeast of Ephrata on Landis Rd Call us to consign your equipment Conducted by Auctioneers Paul Landis & Sanford Leaman

MON JAN 29 - 10 A M. Public Auction of New and Used Equipment by Agricultural Industrial Equipment Co , Rt 273 Rising Sun, Md

FEBRUARY

THURS FEB 1 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

SAT FEB 3 - Public Sale of Dairy Cattle and Farm Equipment Located near Fivepointsville, PA Sale by Ammon H & Ellen Z Sauder Nevin Z Martin and Lewis B Groff, Auctioneers

MOVE IT OUT WITH THE
RUGGED ONE

PATZ
SILO UNLOADERS

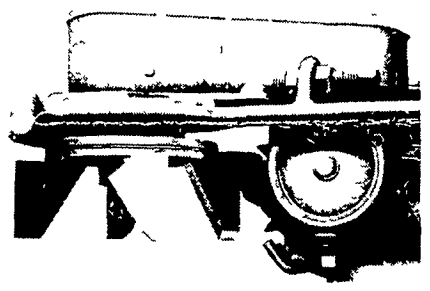
• CAPACITY
• WORKABILITY
• ECONOMY

PATZ Silo Unloaders give you two big, lugged drive wheels for sure traction and flotation. Silage is removed evenly with the Patz exclusive self-leveling device. Preset depth control adjustment; "no-load" starting with the PATZ throw-out clutch; and easy lifting, high into the top of the silo for refilling; are additional features of this durable performer. Call us for design matched systems, installation and service of quality PATZ equipment.

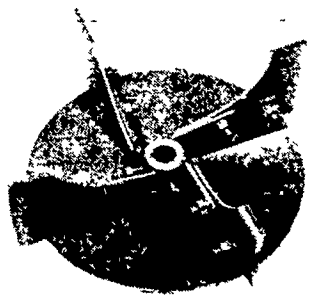
...but DON'T STOP with the UNLOADER

The big capacity of the PATZ Silo Unloader can be design matched to a choice of Material Movers, Conveyors, Conveyor-Feeders or In-bunk Feeders to completely automate your feed handling chores.

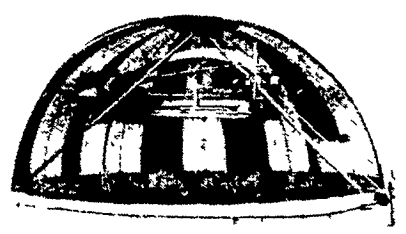
Claw-Like, Hardened Steel Gathering Chain
Steel claws and rakers cut and pull apart the hardest packaged or frozen silage



Spring Tensioned Frost Cutter
Four hardened steel, self sharpening blades shear away frozen silage.



Adjustable Impeller Blades
Four impeller blades adjust for close tolerance and efficient silage throwing.



Tripod Raised for Easy Filling
PATZ Unloader prepares easily for raising high into silo top.

Get the PATZ facts first

DISTRICT MANAGER
GEORGE HEATH
472 Woodcrest Dr
Mechanicsburg, PA 17055
717-737-9400

CONTACT YOUR LOCAL DEALER

ALEXANDRIA
MAX ISENBERG
717-669-4027

BALLY
LONGACRE ELECTRIC
215-845-2261

BELLEFONTE
LUCAS BARN EQUIPMENT
814-383-2806

BELLEVILLE
MACLAY & SON
717-935-2101

CAMP HILL
LLOYD SULTZBAUGH
717-737-4554

CHAMBERSBURG
VALLEY FARM AUTOMATION
717-264-3814

HAMBURG
SHARTLESVILLE FARM SERVICE
215-488-1025

KIRKWOOD
LANDIS & ESBENSHADE
717-786-4158

LEBANON
MARVIN J. HORST DAIRY EQUIPMENT
717-272-0871

McALISTERVILLE
SANER FARM SYSTEMS
717-463-2606

MILLERSBURG
LANDIS LABOR SAVERS
717-692-4647

MILTON
LANDIS FARMSTEAD AUTOMATION
717-437-2375

PIPERSVILLE
MOYER FARM SERVICE
215-766-8675

TERRE HILL
TERRE HILL SILO CO. INC.
215-445-6736

WILLIAMSBURG
LONGENECKERS, INC.
814-793-3731

MARYLAND DEALERS

EASTON, MD
WALTER J. HARMSEN
301-822-3085

HAGERSTOWN, MD
TRI-STATE FARM AUTOMATION
301-790-3698

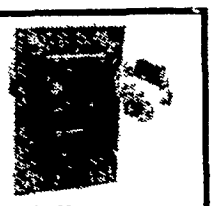
KENNEDYVILLE, MD
PINDER SERVICE CO
301-348-5263

LINEBORO, MD
WERTZ GARAGE, INC
301-374-2672

NEW WINDSOR, MD
TRI-COUNTY FARM AUTOMATION
301-775-7365

STREET, MD
WALTER WEBSTER
301-452-8521

DUAL FUEL FURNACE
OR BOILER, BURNS
WOOD AND GAS OR OIL



• Provides heat during power failures.
• Capacity for 5 foot logs.
• Ignites wood automatically.

We Service & Install all types of heating systems.

LESTER E. WEAVER
Ephrata #4, PA 717-733-8806 or 354-5307

Public Sales Register

SAT. FEB. 3 - 7 P.M. Merchandise Sale at the Danville Livestock and Auto Auction. Located Old Rt. 11, Danville, PA. Consignments welcomed. For more information phone Melvin Lehman, Owner, 717-275-2880.

WED. FEB. 7 - 9:00 A.M. Consignment Sale of Tractors, Farm Machinery, Horse Drawn Implements, New Tools and Hardware by David H. Good, located ½ mile North of Route 23 on North Maple Ave., in Leola, Lancaster Co., Pa. Watch for sale signs. F. Snyder, R. Martin, C. Wolgemuth, J. Fry, and L Horst, Auctioneers.

THURS. FEB. 8 - Horsts Machinery Sale at Marion, Pa.

FRI. FEB. 9 - 11 A.M. Special Draft Horse & Mule Sale at New Holland Sales Stables, New Holland, Pa.

SAT. FEB. 10 - 2 P.M Public Auction of Valuable Real Estate, Two 18 Acre M/L Parcels of Land. Location - Travel 501 South of Schaefferstown 1 mile. Turn right onto Bolton Rd. to property on left. Terms by Vincent J & Grace H. Fauci Sale Conducted by Randal V. Kline & Lloyd H. Kreider.

SAT. FEB. 10 - Public Auction of Farm Equipment and Dairy Cattle by Roy and Margaret Bollinger. Location: Take Route 322 West from Ephrata, after passing Twin Pine Sales, turn South onto Wissler Road, follow Wissler Road to Middle Creek Road, turn left onto Middle Creek Road to Lime Rock Road, turn right to properties John E and Paul E. Martin Auctioneers.

SAT. FEB. 17 - Feeder Pig Sale by Walter M. Horst located between Womelsdorf and Myerstown along Route 422. At Stouchsburg, take Scharff Road South 1 mile to third farm on left, ½ mile North of Sheridan Furnace, Marion Township, Berks County, Pa. John E. & Paul E. Martin, Auctioneers.

SAT. FEB. 17 - 11 A.M Special Spring Horse Sale. Located at Belleville Livestock Market, Belleville, Pa.

SAT. FEB. 17 - 10 A.M. Public Sale of Real Estate and Household Goods Located on the corner of Brumer Ave. and Edgewood Drive, 1⅓ mile South of New Holland, Earl Twp., Lancaster Co, PA Terms by Shirley and Harold Shirk Robert E Martin and Son 656-7770 and Frank L Steller 656-8195 Auctioneers.

SAT. FEB 17 - Public Auction of Farm Machinery and Household Furnishing located in South Lebanon Twp, Lebanon County along Rt. 419, 2½ miles West of Schaefferstown, Pa. Sale by Elam N Zimmerman and Esther Mae Zimmerman. Earl S Buffenmyer, Auctioneer

SAT. FEB. 17 - 7 P.M. Horse Sale at the Danville Livestock and Auto Auction. Located Old Rt. 11, Danville, PA. Consignments welcomed. For more information phone Melvin Lehman, Owner, 717-275-2880.

SAT FEB 17 - Public Sale of Farm Implements, Livestock and Household Goods. Located along Oakland Drive approx. 1 mile off Rt 625, 1½ mile South of the Village of Bowmanville, Brecknock Twp., Lancaster County.

LARGE PUBLIC SALE

FINE ANTIQUES, HOUSEHOLD, GLASSWARE & POTTERY

To be held at Redding Auction Service, located 3 miles north of Gettysburg on Rt. 34 on

SATURDAY, JANUARY 6, 1979

9:00 A.M. Sharp

This sale consists of fine personal property, from the home of Mrs. Ruth Menges of Menges Mills, York Co., PA.

Sale consists of fine signed crocks and jugs from many areas, fine wood ware items, very nice brass pieces, large amount of fine glassware including Floblue, gaudy Dutch pieces, Heisey, Satin glass, Milk glass, pressed and pattern glass, ironstone, Havilan Limogue china, Bavarian china, etched glass, etc.

Furniture includes chest, tables, chair sets, lot of very nice Victorian furniture, Windsor chairs, Chippendale fluted corner chest, corner cupboard, very nice dropleaf table, very nice oak pieces, tilt top tables, dove tailed chest, rockers, lots very nice stands, open front hutch, many fine unusual items in this sale.

Sale inspection January 5 2-8 p.m.

Terms: Cash

C. David Redding, Auctioneer
717-334-6941

CONSIGNMENT SALE

WEDNESDAY, JANUARY 3, 1979

AT 9:30 A.M.

Location: ½ mile North of Route 23 on North Maple Ave. in Leola, Lancaster Co., Pa. Watch for sale signs.

Tractors, Farm Machinery, Horse Drawn Implements, New Tools & Hardware. Positively no household goods.

1975 GMC Stint pickup; 1976 Ford 1 ton service truck; Farmhand grinder-mixer like new; large lot of lumber.

Sale By:

DAVID H. GOOD
717-656-8911

We Sell On Commission.
No out of state checks accepted.
Starting in February and from then on sales to start at 9:00 A.M. instead of 9:30 A.M.

— SPECIAL NOTICE —

Hay, Straw & Ear Corn Sale Every Wednesday
At 12:00 Noon

Auctioneers: F. Snyder, R. Martin,
C. Wolgemuth, J. Fry, L. Horst

NOT RESPONSIBLE FOR ACCIDENTS.
Next Sale Wednesday, January 17th.

PUBLIC SALE

OF REAL ESTATE

Along Furnace Road between Mays Post Office Rd. and Georgetown. 2 miles West of Georgetown, 3 miles East of Quarryville.

SATURDAY, JANUARY 27, 1979

1:30 P.M.

Approximately 1 acre of ground erected thereon 1½ story frame dwelling covered with aluminum siding, 28x32 with 3 rooms upstairs, 3 rooms & bath on first floor with attached wash house, full basement. Also 28x36 concrete block barn with overhead storage for hay, drilled well with pump & supply tank. Buildings are 5 years old.

Terms By:

LEROY STOLTZFUS

10% down, balance on or before March 14, 1979 at the office of Wenger and Byler.

Inspection date, January 20 from 1:00 to 4:00 or by appointment.

Auctioneers - Kreider & Diller

PUBLIC SALE

OF VALUABLE WOODLAND

SATURDAY, JANUARY 6

2:00 P.M.

Located in Caernarvon Twp., Lancaster Co., PA. Take Rt. 10 South at Morgantown, go 2½ miles, turn right on Shirktown Rd., go .5 miles, turn left on Chestnut Oak Rd., .3 mile to tract.

24.96 ACRES

Electric & phone available.
10% down day of sale, balance in 30 days.

For Map send self addressed envelope to:
Robert E. Martin
RD 3, New Holland, PA 17557

Terms by

MINNIE HOWE

Auctioneers:
Robert E. Martin & Son 656-7770
Frank L. Steller 656-8195

Wentz & Wentz Attorneys

PUBLIC SALE

OF TRACTORS, FARM & INDUSTRIAL EQUIPMENT, ETC.

at our place of business six miles South of Chambersburg, Pa. and one mile East of Marion, just East of Rte. 81 Exit on Rte. 914 on

THURSDAY, JANUARY 4

Sale at 9:00 A.M.

75 TRACTORS — TRUCKS — IND. EQUIPT.

Usual run of tractors of various make, size and model, some with loaders, trucks, some crawlers and backhoes expected, lawn and garden tractors, scraper blades, rotary mowers, etc.

BALERS — SPREADERS — MISC. EQUIPT.

Balers, Harvesters, spreaders, wagons, flail choppers, haybines, plows, disc harrows, rakes, mowers, pickers, posts, hardware and usual run equipt., etc.

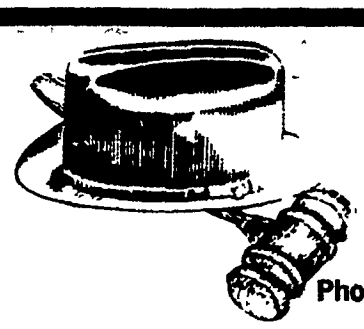
FROM ONE FARM — JD 3020 gas tractor; Case uniloader; Oliver 5 bottom plow, JD 35 harv.; JD blower; Int. 430 baler; NH elev.; NH mower; 2 Grove forage wagons; Cobey wagon with bale body; Cobey honey wagon; JD spreader; bale body; Danuser post driver; Hawkbilt spreader; sprayer, corn drag and many other items.

FARMERS AND DEALERS — Bring in your equipt. for this sale. Next sale's Thurs., Feb. 8, then March 22-23. If planning a sale for spring we offer complete management.

Terms: Cash; Lunch at Sale; Closed Sundays.

RALPH W. HORST
SALE MANAGER
Phone (717) 375-2824, Marion, Pa.

Anderson, Rentzel, Wolgemuth, Upperman, Martin . . Aucts.
Harshman, Eberly, Gossert, Stull Rentzel Clerks



HAT & GAVEL AUCTION CO.

Phone (717) 626-0254

Rte. 501 One Mile North of Lititz, Pennsylvania.

PUBLIC AUCTION

to be held at our Auction Gallery

THURSDAY EVENING, JANUARY 4, 1979

5:30 P.M.

FURNITURE - COLLECTIBLES

Sunn Sound System with 6 channel concert controller #1, 2 upright enclosures, 2 monitors, 4 Shore mikes with stands.

Kingsize bed, box spring & mattress, sofas, 24 ft. aluminum extension ladder, lawn aerators for riding tractor, chest of drawers, metal shelves, boy's 10 speed bike, tools, coverlet, brass candleabras, plus lots more.

WE WILL BE CLOSED FOR RECEIVING DECEMBER 30 - JANUARY 1 & 2.

For More Information Write or Phone:
Wilbur Hosler, Auctioneer (717) 626-0254
Harold K. Galebach, Partner
RD 2, Newport Rd., Lititz, Pa. 17543.

Receiving Hours: Monday, Noon to 9 P.M.
Wednesday, 9 A.M. to 5 P.M.; Tuesday, Pickup Day.

Positively No More Garage Sale Leftovers Will Be Received.

FARMERSVILLE AUCTION

ANNUAL NEW YEARS DAY ANTIQUE SALE

MONDAY, JANUARY 1, 1979

9:00 A.M.

In Farmersville, 3 mi. East of Brownstown, Lanc. Co., Pa.

VERY FINE FURNITURE, lots of refinished within the last 5 years, 3 piece walnut marble high top bedroom suite (Civil War period) oak bedroom suite, 3 piece sleigh type marble bedroom suite, marble top hutch cupboard, single door mahogany wardrobe with glass front door and drawer at bottom oval top, 3 drysinks - 2 in soft wood, 3 brass beds, round oak tables 1 with claw feet, oak library table, towel rack, slant top desk with mirror and chair, Queen Anne server, pine wagon seat, blanket chests, hall table, oak table with ball and claw feet, high back office chair, oak desk with glass door top, jelly cupboard with mirror top, pine schoolmasters desk, kitchen cupboard with glass door, set of 6 chairs, plank bottom rocker, 2 seater oak bench, pine chest of drawers, square and oval china closets, child's rocker (very primitive).

MISCELLANEOUS MIRRORS AND PICTURES, 1 old tiffany type hanging lamp, high oak bed, small bench, oak sideboard with mirror, marble top tables, 3 drawer oak filing cabinet, 5 Victorian (reproduction) chairs with needlepoint seats, old wooden crib, Sheraton sideboard, rocker type cradle, 2 old box type wood stoves painted black, oak high chair, Victorian bed and dresser, cheese cutter rocker painted green, high back oak sewing rocker, oak drop leaf table with twisted legs, curly maple dresser with mirror, pine flour bin, oak dresser with mirror with butler print design in wood, oak bookcase with glass doors, 2 oak roll top beds cut to 5 ft., butler print soft wood bed, 2 drop leaf tables, 5 sets of chairs, 6 washstands.

DOLLS: German bisque marked 171 - 13 inch china head, composition — 27 inch Shirley Temple, 15 inch orphan Annie 27 inch toddler with cloth body, 31 inch ball jointed composition body and head, 12 inch Effanbee (mint), 15 inch Negro baby and others.

Rosewood piece, 2 mantel clocks, Coca-Cola clock, baskets, glassware, game plates, Noritake azalea divided plate, depression glass, figurines, pair of occupied Japan lamps.

Christmas plates; bottles w/bird swings; snow flake plate; Grandmother's flower garden quilt; oil paintings; etc. etc.

NOTICE: Selling the Irene M. Weaver Estate of Akron at 5 P.M.

ORDER OF SALE: Starting with dishes and small items at 9 A.M. - Dolls and Quilts at 12 P.M. - Furniture at 1 P.M. - Estate at 5 P.M.

We Sell on Commission.

Call: **JOHN J. RUTT**
717-354-5095

Public Sales Register

WED. FEB. 21 - 9:00 A M Consignment Sale of Tractors, Farm Machinery, Horse Drawn Implements, New Tools and Hardware by David H. Good, located ½ mile North of Route 23 on North Maple Ave, in Leola, Lancaster Co., Pa Watch for sale signs. F. Snyder, R Martin, C. Wolgemuth, J. Fry and L Horst, Auctioneers

THURS. FEB. 22 - 9:30 A.M Public Sale, Full Line of Farm Machinery, 4 Pair Sorrel Mules, 806 diesel tractor Located 2 miles Northwest of Whitehorse, Lanc Co, Pa Terms by Christ & Sarah Beiler. Auctioneer Steve Petersheim, 215-869-2508.

THURS. FEB. 22 - 10 A.M. Public Sale of Gilts, Farm Equipment and Household Goods. Located 4 miles West of Ephrata, turn off Rt 322 on Whistler Rd, 1 mile to Middle Creek Rd, first farm right. Isaac Z. Martin Owner, Robert E Martin & Son 656-7770 and Frank L. Steller 656-8195 Auctioneers

FRI. FEB 23 - Bred Gilts, Open Gilts and Boars. Held at the Lebanon Fairgrounds, Lebanon, PA. Sale by Leon, Lawrence and Thomas Arnold.

FRI FEB 23 - 10:30 A.M. Public Sale of Farm Equipment. Location Turn West off Rt. 93 between Hazelton & Rt 80 onto Rock Glen Rd., for 8 miles to Mt Grove, turn right at church to first farm, Black Creek Twp., Luzerne Co PA Sale for Mrs Charles W Phile Ralph W. Zettlemoyer Auction Co., Auctioneer

FRI. FEB 23 - 9 A M. Public Sale of Farm Equipment and Mules Located 1½ mile South of Rt 23, in Bareville Heights, turn on S Groffdale Rd., close to Mussers School Terms by Elias Beiler Robert E. Martin and Son 656-7770 and Frank L Steller 656-8195 Auctioneers.

SAT FEB 24 - Public Auction of Real Estate consisting of 4 parcels, 1/107 acre farm, 2/26.9 acre tract, 3/6.3 acre tract and 4/1 acre tract of land located Route 22 at East end of Fredericksburg Sale for Jacob G Peiffer Estate John E. and Paul E. Martin, Auctioneers.

SAT FEB. 24 - 1 P.M. Public Sale of 60 bred gilts, 40 open gilts and 25 boars Held at the farm 4290 Bridge St., Whithall, PA Lehigh Co. Calvin H. Lazarus & Sons, Owners; Terry Bennecoff and Son and Harlan Wessner, Guest consigners; Ralph Zettlemoyer, Auctioneer

SAT FEB. 24 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keiser, Owners Larry Long, Auctioneer.

SAT. FEB. 24 - 1 P M. Production Hog Sale. Located 4 miles North of Allentown, PA. Sale for Lazarus, Wessner & Bennecoff Ralph W. Zettlemoyer Auction Co., Auctioneer.

SAT FEB 24 - 9.00 A.M. Farm Equipment Consignment Sale at the Don Scheese Farm, Friesburg-Aldine Road, Friesburg, NJ. For info PH. 609-455-3462 William Bragdon, Auctioneer.

WED. FEB. 26 - 12 Noon Farm Equipment Sale at the Danville Livestock and Auto Auction. Located Old Rt. 11, Danville, PA. Consignments welcomed. For more information phone Melvin Lehman, Owner, 717-275-2880

TUES. FEB. 27 - Public Sale of Farm Equipment Located 1 mile North of Rt. 23, turn North on N. Shirk Rd. at Good's Furniture Store, first road left on Amishtown Rd. Terms by John Lapp. Robert E. Martin & Son 656-7770 and Frank L Steller 656-8195 Auctioneers.

WED. FEB. 28 - Ronald Group Machinery Dispersal near Marion, Pa. Ralph W. Horst, Auctioneer.

WED. FEB. 28 - Public Sale of Double Stone House & Household Goods by Arthur W. Rife. Paul Eppley, Auctioneer.

MARCH

THURS MAR. 1 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601. Dennis Kolb, Sales Manager; Robert Mullendore, Auctioneer.

FRI. MAR. 2 - 9:30 A.M. Annual Spring Machinery Sale. All kinds of Machinery. Located at the Belleville Livestock Market, Belleville, Pa. Consignments must be in prior to sale day. Belleville Livestock Market Manager. Glick & Gibboney Auctioneers.

FRI. MAR. 2 - Ray Hostetter & Karl Kough Dispersal of Farm Equipment along Rt. 641 3 miles Southwest of Newville, Pa Ralph Horst Auctioneer.

SAT. MAR. 3 - 9 A.M. 15th Annual All Day Sale at Bart Township Fire Company, Bart, Pa. Located 6 miles Southeast of Strasburg along Rt. 896 in Georgetown, Pa., Lanc. Co.

SAT. MAR. 3 - Public Auction of Farm Equipment, Household Goods and Antiques for Moses S and Edna M. Garman located at Rt. 501, just North of Schaefferstown, Pa. John E. and Paul E. Martin, Auctioneers.

SAT. MAR 3 - Galen Pugh Dispersal of Farm Machinery. Located 3 miles Northwest of Shippensburg at Middle Spring Ralph W. Horst Auctioneer.

SAT. MAR. 3 - 1 P.M. Pork Producers, Berks-Lehigh Co Sale located Kutztown Fair Grounds, Kutztown, PA. Ralph W. Zettlemoyer Auct Co, Auctioneer.

TUES. MAR 6 - Holstein Dispersal for Paul Frey, 4 miles East of Chambersburg. Ralph W. Horst Manager & Auctioneer

TUES. MAR. 6 - Public Sale of Farm Equipment and Household Goods. Located 3 miles North of Leola, turn off Rt 23 on N. Maple Avenue, Lancaster Co., PA. Terms by Samuel Newswanger Robert E Martin and Son 656-7770 and Frank L Steller 656-8195 Auctioneers.

THURS. MAR. 8 - Farm Equipment Dispersal for Roy Lehman. Located off Rt. 11 midway between Chambersburg & Shippensburg Ralph Horst & Kenneth Upperman, Auctioneers.

FRI. MAR. 9 - 9:30 A.M. Public Sale of Farm Implements and Antiques. Located 2 miles North of Martindale, just off Grist Mill Rd., ½ mile West of Grist Mill, turn left on first road after Grist Mill, second farm. Lancaster Co., PA. Sale by Paul Martin. LeRoy S. Horst and Paul W. Horst Auctioneers.

GAP AUCTION

FRIDAY EVE., JANUARY 5, 1979

5:30 P.M.

Located off Route 41 - Lancaster Avenue opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION.

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

OTHER DAYS BY APPOINTMENT.

Call us for pick-up service

IRA STOLTZFUS & SON, Auctioneers

442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC AUCTION

FRIDAY, JANUARY 19, 1979

10:00 A.M.

Located along Rt. 183 between Bernville & Strausstown, Berks Co., PA.

TRACTORS

(2) CASE 1070 Agri King, wide front, 1 w/duals; CASE 970 Agri King, wide front; David Brown 990 diesel; JD 4020 diesel, roll-o-matic, Snyco trans.; JD 620, pwr. str, lv pto, 3 pt.; MM "U" trac.; Int. 3200 skid steer loader w/manure bucket & scoop; NI 503 front end loader.

TILLAGE EQUIPMENT

WHITE #508 3 pt. 5 btm 16" semi mtd plow w/auto reset; OLIVER 3 btm 16" trip trlr plow; CASE 3 pt. 11' chisel plow; CASE 12' transport disc; MC #15-16' transport harrow; Dunham 12' roller harrow (new);

PLANTING EQUIPMENT

A.C. 4 row no-till plateless air planter w/insect. attach.; Oliver 13 disc grain drill; JD 9' lime drill;

HARVEST EQUIPMENT

A.C. model F corn & soybean special combine w/13' grain head & 4 row cornhead, used 2 yrs; FOX 3000 forage harvester w/windrow & 2 row 40" cornheads; MM forage harvester; (3) DION forage wagons w/front & rear unload, 8 ton & (2) 12 ton, running gears; MC flail chopper; NI 620 hopper type silage blower; AC pto silage blower; Hesston 1090 haybine used 3 mo.; NH 258 Rolobar rake; NH 278 Hayline baler w/thrower & hay guard applicator; NH 269 hayliner baler w/thrower & hay guard applicator; NH 226 Stalk shredder attach. for 269 baler; (2) NH 8'x16' 8 ton bale wagons; Cobey 8'x18' bale wagon; NI 305 2 row mtd. corn husker; (2) David Bradley 4 whl dump trailers; NH 30' grainbale elev. w/tele. chute; Little Giant drag elev.;

MISCELLANEOUS

NH 355 grinder mixer, used 1 yr.; Hawk Bilt 357 tandem axle 10 ton flail tank spreader; NI 200 bu. pto spreader w/hyd end gate; 200 gal. trailer type weed sprayer; 4 row rotary hoe; 3 pt. post hole digger; MM 3 pt. quick coupler; Mayrath 4" grain auger; 2 whl cattle trailer; Winpower 45 KW pto generator; 180 amp elec. welder; Century air comp.; 20 ton hyd. press; 6" swivel bench vise; bench grinder; tap & die sets; ¼" & ½" elec. drills; 2 rubber tire whl barrows; tractor wts & chains; lot hand tools; tow chains & binders; block & tackles; motor oil; 80 bu seed barley; plus many items too numerous to mention.

TRUCKS

(2) 1968 Chev. 10, ½ ton pickups;

HAY

50 ton mixed hay, various cuttings.

AUCT. NOTE: This is a fine line of good quality modern farm machinery, much is new or like new. Selling due to death in family.

Terms: Cash or check on sale day.

Refreshments Served.

Sale for:

MRS. FRANCIS MOSER

Conducted by:
RALPH W. ZETTLEMOYER AUCTION CO.
R.D. 1, Breinigsville, Pa.
Tele: (215) 285-4616

PUBLIC SALE

OF FARM MACHINERY
SATURDAY, JANUARY 13

At 12:00 Noon

LOCATION: Along Rt. 422, West of Myerstown, near the airport.

Farmall 400; manure loader; 3-bottom plow; Allis Chalmers WD tractor & 2-row cultivator. 3 wagons; John Deere baler, #2 thrower; 4-row corn planter; Massey Harris grain drill; combine; New Holland manure spreader — 2 extra wheels; New Idea mounted corn picker (2-row); grass mower (Int.); hay conditioner (Int); cultipacker; bale & grain elevator; corn drag; disc on wheels (McCormick Deering); 3-section spring harrow; 2-section spike harrow; #15 McCormick Deering flail chopper; 4" grain auger with motor; McCormick Deering rake; wagon running gear; welder; metal feed cart; Sears 80 gal. water heater; double stainless steel tubs; tobacco lath; 16 alum. window sash — 32"x43". Stalls, pipe, water bowls & vacuum line for 32 cows. Other items not listed.

Sale by

HARRY UMBENHAUER

AUCTIONEERS.:
George E. Stone, Jr., R. 1, Bainbridge, Pa.
John D. Kilmer, R. 6, Manheim, Pa.
CLERKS: Stone & Reed

WIL-MAR FARM

HEIFER SALE

On the farm located 3 miles Northeast of Middletown on Valley View Road, between Hollow Road and the Middletown-Myersville Road, in Frederick Co., Md.

FRIDAY, JANUARY 5

12:30 P.M.

35 REGISTERED HOLSTEIN HEIFERS

All are bred and due within 90 days of the sale

15 are close

T.B. and Bangs tested within 30 days

All are home raised from the oustanding 4% herd that was dispersed last March. They are well grown and in excellent condition, and are bred to a Kinglea Total son of a Pawnee Farm Arlinda Chief daughter who made 4-10 305d 20,570M 5.0% 1027F.

Selling:

Four by Arlinda Jet Stream - dams have records of 660F, 600F, 570F and 483F.

Grand dams have records averaging 717F.

Four by Penn Dell Gent Larry - dams have records of 702F, 667F, 618F and 581F.

Two by Rosemere Fury Ivan from dams with 21,790M and 737F.

A Merry King from a dam with 19,520M and 741F.

An outstanding A Citation Sovereign daughter from a 505F dam and 918F grand dam.

Nine by a Bootmaker son who is a +693 sire and several of these from dams over 600F.

Nine by sons of Elevation out of cows with records to 776F.

Sale Manager's Note - This is a fine group of heifers with lots of quality bred to develop into top cows and they are carrying valuable calves.

J. WILMER "PETE" HOUSE
Route 2
Middletown, Md.
Phone: 301-371-7270

Sale Managed by:
REMSBURG SALE SERVICE
A. Doty Remsburg
Jefferson, Maryland
Phone: 301-473-8214

PUBLIC AUCTION

NEW YEARS DAY
MONDAY, JANUARY 1

TIME: 10:00 A.M.

AT POTTIES AUCTION BARN

Located on U.S. 11

Midway between Carlisle and Shippensburg.

A LOT OF ANTIQUES, COLLECTIBLES & MODERN ITEMS

2 oak hall racks, oak kitchen cabinet with caramel glass at top of doors, 3 oak rockers, 5 leg walnut drop leaf table with boards, 6 rose carved chairs, old record cabinet, childs oak rocker, piano stool, old cherry blanket chest, 2 spinning wheel chairs, old walnut crib, cobblers bench, lot of old chairs in pairs and sets, 3 clerks stands with drawer, old hobby horse, blanket robes, lift lid fold up desk, 3 china closets, camel back trunks, round tables, 2 piece love seat and chair, lot of small stands, some refinished chairs, red velvet chair, chest of drawers, wash stands, dressers, large oak mirror, gold frame mirrors, square oak table, marble table, brass beds, new oak table with fancy base, brass clothes tree, hanging light with glass prisims, 2 antique ceiling lights from a church in Mt. Holly, Chinese light, lot of books, sad irons, plus a lot more item by sale day.

Cut glass, oil lights, brass hand bell, dinner bell, depression glass, ruby, german glass, 15 pc. punch bowl milk glass, glass basket, vases, compotes, bisque, sterling silver pieces, post cards, clocks, brass buckets, plus much more.

Terms: Cash or Certified Check day of sale.

For Information Call
(717) 776-3577 - Potty

Not Responsible for Accidents

Public Sales Register

FRI. MAR 9 - 10 A.M Machinery Sale at the Keister's Middleburg Auction Sales, Inc. Rt. 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Larry Long, Auctioneer.

FRI. MAR. 9 - 11.00 A.M Special Draft Horse and Mule Sale at New Holland Sales Stables, New Holland, PA.

SAT. MAR. 10 - Public Sale of Livestock, Farm Machinery and Household Goods Located along the road leading from Bergstrauss and Hahnstown, PA. Ivan M. & Martha Martin Owners. Frank and Paul Snyder Auctioneers

SAT. MAR. 10 - Farm Equipment Dispersal for George & Charlotte Smith. Located near Upper Strasburg, Pa. Ralph W. Horst, Auctioneer

SAT. MAR. 10 - Public Consignment Sale of Farm Machinery, Tools, Households & General Merchandise at Newburg, Pa., Cumberland Co. by Newburg-Hopewell Vol Fire Co Arthur Rife, Auctioneer.

SAT. MAR 10 - Public Sale of Dairy Cattle, Farm Equipment and Household Goods Located along Rt 322, 1 mile East of Blue Ball, PA Lester W and Elizabeth Martin Owners Nevin Z Martin and Lewis B Groff Auctioneers

SAT. MAR 10 - Farm Equipment Dispersal for Ivan S Horning, RD4 Manheim, located just West of Rt. 72 along Elizabethtown Road, just West of Ruhl's United Methodist Church, Rapho Twp, Lancaster County, Pa. C H Wolgemuth, Auctioneer

SAT. MAR 10 - 10 A M. Public Auction of Farm Equipment Located between Easton & Bangor (1½ mile N. of Uhlers Hotel). Take Stockertown exit off Rt. 33, go North on Lefever Rd. for about 2 miles, cross over Kesslerville Rd for about ½ mile to farm Sale for Raymond Werkheiser Ralph W Zettlemoyer Auct Co, Auctioneer.

TUES. MAR 13 - Farm Machinery Sale Located on the farm 1 mile West of Ephrata on Rt. 322, turn right onto Weidmansville Rd., 1 mile to Sunnyside Rd., turn right to farm on right Sale by Nelson E & Mary Martin Kline Auction Service.

TUES. MAR 13 - Farm Equipment & Heifer Sale for James Bower. Located off Rt. 11, 5 miles South of Chambersburg Ralph Horst & Art Kling, Auctioneers

TUES. MAR. 13 - 10 A M Public Auction of Farm Equipment. Located 3½ miles East of the village of Clayton & Rt. 100 between Boyertown & Hereford, get onto Kutztown Road toward Rt 663, Upper Hanover Twp., Montgomery Co. PA Sale for Mrs Paul Stoffiet Ralph W. Zettlemoyer Auct Co., Auctioneer.

WED. MAR. 14 - Farm Equipment Dispersal for Paul Frey Located 4 miles East of Chambersburg, Pa. Ralph W. Horst, Auctioneer.

WED. MAR. 14 - Annual All Day spring Sale held at Paul Z Martin Sale Stables along Rt. 340, 2 miles east of Intercourse, Pa Selling large lot on lumber, trusses, mill work, hardware, building material, tractors and horse drawn farm equipment, hay, straw, & grain Sale conducted by Paul Z Martin, Martin Auctioneers. Check for further information.

AUCTIONEERS!!
Just a reminder of the New Year's Day Auction at Orville Miller's at Howard, NY between Bath & Hornell
48 top interstate-tested Holsteins & a line of excellent machinery & produce!!
Auction by Ramsey's of Bath

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.
FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

SPECIAL DRAFT HORSE & MULE SALE

FRIDAY, JANUARY 5, 1979
11:00 A.M.

Held at New Holland Sales Stables, New Holland, Pa.

SELLING:
20 head of draft horses from Ward Wright.
1 load of draft horses from Bud Leonard.
1 load of draft horses from Basil Meadows.
1 load of draft horses from Stymen Brothers.
1 load of draft horses from Norman Kolb.
Special Mention Pair of Belgian Mares, 2 & 3 yrs. old, well broke.
Load of good big mules from 3-8 years old, several well matched teams.
A few driving horses will be hitched at 9:00 A.M.

For More information on this sale, contact:

Norman Kolb
355 Pitney Road
Lancaster, PA
717-397-5538

Abe Diffenbach
New Holland
Sales Stables Office
717-354-4341

PENNSYLVANIA LANDRACE ASSOCIATION FARM SHOW AND SALE

Landrace, the Great White Breed

SHOW MONDAY, JANUARY 8, 1979
3:30 P.M.
SALE WEDNESDAY, JANUARY 10, 1979
2:30 P.M.
At the Harrisburg Farm Show Building in the small arena, Harrisburg, PA.

34 BRED GILTS

LANDRACE TRADE MARKS
The original lean meat breed.
The world's best mothers.
More capacity to produce.
An asset to any herd.

FOR CATALOGS WRITE TO:

LARRY B. BAUM
Secretary-Treasurer
Penna. Landrace Assoc.
R5, Box 280, Elizabethtown, PA 17022
PH: 717-367-2882

OR

JAY D. BLATT
President
R2, Annville, PA 17003
PH: 717-865-4842

BURTON COMPLETE DISPERSAL

Located 3 miles off road leading from Keeneyville to Osceola, Pa. Turn by Oliver Machinery Dealer. 5 miles from Keeneyville, 7 from Middlebury, 6 from Osceola, 17 from Wellsboro, 5 from Elkland. Watch for auction arrows off Rt. 287 in Middlebury on Rt. 249 in Osceola, Pa.

SATURDAY, JANUARY 6, 1979
AT 1:00 SHARP

41 - HEAD HOLSTEINS - 41

6 COLORED - 35 HOLSTEINS

Herd consists of 31 mature cows, 1 bred heifer, 7 heifers 6 to 8 months, and 2 service sires. A few fresh cows, approx. 15 cows to freshen in next 2 months. Balance in all stages of lactation. Interstate tested, pregnancy examined, charts day of sale.

MACHINERY

IHC 674 tractor with only 400 hours, like new; IHC 440 baler with thrower, 3 years old; Gehl chopper with 1 row corn and direct cut heads; JD combine with motor; NH 351 portable feed grinder (real nice); NH 451 three pt. mower (like new); NH 25 hopper blower (like new); Model 29 Owattona 12 ft. self propelled haybine, needs repairs; R Maline tractor for parts; MF 110 PTO spreader; hay wagon with kicker rack; IHC 2 row corn planter; wagon and rack; IHC 13 disk grain drill; JD disk; side rake; Cunningham hay crusher; Skelton elevator; grain auger with motor; hammer mill; grass seed cleaner; grass seed; baler twine; approx. 4000 bales hay; approx. 75 bales straw; 9 doors of corn silage in 16 ft. silo. See you Saturday, January 6th. Machinery at 1:00 sharp; cattle approx. 2:00.

Terms: Cash or Good Check. Sale Under Cover Lunch Available.

Owners:
WILLIAM & NORMA BURTON

Auctioneer: Arlow Kiehl
Sales Manager: GORDON WOOD
Mansfield, Pa. Phone: 717-549-4901

For the most in advertising coverage and preparing your sale, call Wood's Auction Service.

DAIRY HERD DISPERSAL

WEDNESDAY, JANUARY 3, 1979
1:00 P.M.
At Belleville Livestock Market, Belleville, Pa.
60 head of Holsteins including 50 milk cows, several fresh & springing, balance in all stages of lactation. 8 heifers & 2 bulls.

Estate of:
ROBERT RISHEL

Mark Glick-
Belleville Livestock Market Manager

HARRY RUDNICK & SONS, INC.

Livestock Sales Every Tuesday
GALENA, MD. Phone: 648-5100
In addition to our regular sale

TUESDAY, JANUARY 2
At 4:00 P.M.
HERD OF 82 ANGUS COWS & CALVES

FEATURING: One Wye Plantation 2½ year bull, 43 Angus cows from 3 to 7 years of age, 23 Heifer calves and 15 steer calves (2 to 3 months of age). This is a good local herd from Centreville, Md., and has been a steady producer of quality calves. The calves and cows will be sold separately.

BROOKS END AND PAR-KAY FARM FORTY NINTH SALE

1978 WINTER OFFERING
FRIDAY, JANUARY 12, 1979
1:00 P.M.
At the Farm • Beavertown, Pa.
225 head of IRISH and other foreign bloodlines on this sale.

YORKSHIRE-LANDRACE

Born and raised on our farms from our parent imported stock.

75 ★ Bred gilts - all carry Irish or Foreign Blood Litters.

35 YORKSHIRE - 50-100% Irish.

40 LANDRACE - All carry Irish or Foreign Blood Litters.

50 ★ BOARS

30 YORKSHIRE - American Bloodlines as well as Irish.

20 LANDRACE - all 100% IRISH or other foreign blood.

15 ★ LANDRACE - Open gilts all 100% Irish or other foreign blood.

★ 100 Commercial Open Gilts - Mostly Irish blood.

Scan-O-Probe Loin Eye & Back fat figures. Production tested - Certified Meat Proven & Show Ring Champion Stock. Certified brucelosis free & pseudorabies negative test. Our herds are PA tested pseudorabies free. Health charts sale day for entry into any state.

4 big production test wins in 1978 top indexing Yorkshire, Pen of boars, PA test station feed conversion 2.55, rate of gain 2.52.

Top indexing Pen of boars, Del. test station feed conversion 2.24 rate of gain 2.44.

Second high indexing Pen over all breeds Del. test station Landrace feed conversion 2.48 rate of gain 2.05.

Ohio production barrow show we had both champion and reserve champion on foot winners. They were York, Landrace crossbred barrows.

Owners:
Reno & Park Thomas & Mark Stehr

RENO 717-658-5821 717-658-7304
PARK 717-658-6544 717-658-6702
MARK 717-658-7007

Catalogs Available

Dan Baker
Laffette, Ind. - Auct.

IRISH BOARS and GILTS of this great Dam will sell. Greenback 3044, one of our foundation Irish Yorkshire sows.

Public Sales Register

URS MAR 15 - 10 A.M blic Auction of Farm Equipnt Located 1 mile West of urys Station (between Allenwn & Slatington) along urch Road. Sale for Frank & elyn Miller Ralph W. Zetmoyer Auct Co , Auctioneer

MAR 16 - 6 30 P M. Conignment Sale of Feeder Cat- & Feeder Pigs at Keister's ddleburg Auction Sales, Inc 522, 3 miles East of Midburg, 5 miles West of Selinove, Pa Don & Walt ster, Owners Larry Long, ctioneer.

T MAR. 17 - Public Auction Farm Equipment by Harold and Wanda H Hess located rth of Lititz at 1615 Brunville Rd John E and Paul Martin, Auctioneer

MAR 17 - Annual Sale of n Equipment for Saxby Imp. Corp at Mendon, NY. Ralph W. Horst & Blaine Rentzel, Auctioneers

SAT. MAR. 17 - 11 P.M. Full line of Farm Machinery & Tools, 404 Int tractor Located in Lancaster Co., 8 miles East of Intercourse, 2 miles North of Cains on Guy Rd Terms by Ruth Guy Auctioneer Steve Petersheim 215-869-2508

WED. MAR 21 - Public Sale of a full line of farm equipment located along Rt. 141, midway between Mt Joy & Marietta Sale by Robert Shearer & Raymond Witmer Auctioneers Raymond Miller & Rufus Geib

THURS. MAR. 22 - Complete Registered Dairy Dispersal Located on the farm 1 mile West of Ephrata on Rt. 322, turn right onto Weidmansville Rd., 1 mile to Sunnyside Rd, turn right to farm on right Sale by Nelson E & Mary Martin Kline Auction Service.

THURS & FRI. MAR 22 & 23 - Horst Farm Equipment Sale at Marion, Pa

THURS. MAR. 22 - 10.30 A M Full Line of Farm Machinery, 4 John Deere Tractors Located in Chester Co , Pa , 8 miles South of Gap, 1 mile West of Cochranville on Steelville Rd Terms by Herb & Grace Gill Auctioneer Steve Petersheim 215-869-2508

SAT MAR 24 - Public Sale of Farm Equipment and Household Goods Located 5 miles East of Strasburg, 5 miles West of Gap off Rt 741, Paradise Twp., Lancaster Co , PA Terms by Hershey Brothers Robert E Martin and Son 656-7770 and Frank L Steller 656-8195 Auctioneers.

SAT. MAR 31 - 11 A M Atglen Fire Co Sale at the Atglen Fire House, Atglen PA, Chester Co John Umbler and Leon Kurtz Auctioneers

SAT MAR 31 - 11 A M Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

THURS APR 5 - 11 A M. Lamb & Goat Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

THURS APR 5 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager; Robert Mullendore, Auctioneer

FRI. APR 6 - 11 A M Special Draft Horse & Mule Sale at New Holland Sales Stables, New Holland, Pa

SAT APR 7 - C H. Wolgemuth and Sons Annual All Day Consignment Sale, located 4 miles West of Manheim, Lancaster County, Pa. C.H Wolgemuth, Sale Manager

FRI APR 20 - 6 30 P M Consignment Sale of Feeder Cattle & Feeder Pigs at Keister's Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

SAT APR 28 - 13th Colonial Charolais Spring Sale. Located Farmers Livestock Exchange, Boonsboro, MD Managed by Buzz Garey, 100 Walnut Ln., Morrisville, Pa

SAT APR 28 - 11 A.M Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc. Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa. Don & Walt Keister, Owners Larry Long, Auctioneer

MAY

THURS MAY 3 - 12 Noon Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa. 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI MAY 4 - 6 P M Heifer Sale at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

FRI MAY 4 - 7 P M. Special Sale of Driving Horses, Draft Horses & Mules at New Holland Sales Stables, New Holland, Pa

SAT MAY 5 - 10 A.M Big Heifer Sale at Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sale Manager; Robert Mullendore, Auctioneer

SAT MAY 5 - Hubert Polled Charolais Ranch Production Sale - "The Best of Two Worlds" Located at the ranch, Richards, Missouri Managed by Buzz Garey, 100 Walnut Ln , Morrisville, Pa 19067.

FRI. MAY 18 - 6 30 P.M. Consignment Sale of Feeder Cattle & Feeder Pigs at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

SAT MAY 26 - 11 A M Consignment Horse Sale at Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners Larry Long, Auctioneer

50 PUREBRED DUROC BRED GILT SALE

HELD AT

THE PENNSYLVANIA FARM SHOW

HARRISBURG, PA

Show - Monday, January 8 - 10:00 A.M.

Sale - Wednesday, January 10 - 11:30 A.M.

Judge - Paul Parish **Auctioneer - Harry Bachman**

Sponsored By Pennsylvania Duroc Assoc.

For Catalogs Write:

RICK PFAUTZ

RD 1, STEVENS, PA. 17578

MEL KOLB INC.

DAYTIME AUCTION

12:00 Noon

THURSDAY, JANUARY 4, 1979

AT THE FARM FORMERLY KNOWN AS BLACK & WHITE FARM, LANCASTER, PA.

Location: At the former Black & White Farm west of Lancaster on Dairy Lane. Take Rt. 283 West of Lancaster, exit just beyond ABC Stud Barns at Florys Mill Rd., turn left after exiting, go to mill, then sharp right under railroad bridge. Barn within sight of Rt. 283.

135 Head of top Grade and Registered Holsteins 135

A SPECIAL SALE TO START THE NEW YEAR

Farmers we really have a nice selection of cows for this Sale. About 40 Purebred cows, 50 Grade cows, 20 Purebred first calf heifers and 25 Grade fresh heifers. All will be just fresh or close to freshening.

SPECIAL MENTION: 1 load of fancy outstanding Tioga and Bradford Co., Pa. cows. Mostly all Purebreds. Several with Excellent DHIA records and classified. All hand picked by us.

1 load of Canadian cows with lots of quality.

2 load of big fancy grade Wisconsin cows really good cows some milking up to 100 lbs. per day, one (1) milking 110 lbs. per day.

1 good Purebred stock Bull.

Too many cows to list individually. Some heifers calves will be sold also.

START THE NEW YEAR OUT RIGHT. COME TO THIS SALE AND BUY A GOOD COW.

MELVIN KOLB, INC.

Dennis Kolb, Sales Manager

Terms: Cash on day of Sale

Not responsible for accidents

Robert Mullendore — Auctioneer

Marvin A. Eshleman — Pedigrees

Arlene Ressler — Clerk

Farm Address: 2220 Dairy Lane, Lancaster, Pa.

Phone: 569-6800 or 569-2106

PRIVATE SALES AT THIS LOCATION DAILY

Auctioneer's Directory

FOR COMPLETE SERVICE CALL
JOHN E. MARTIN
RD1, Durlach Road, Ephrata
733-3511 or
PAUL E. MARTIN
Stevens, RD1, Box 561
733-3305
LICENSED AUCTIONEERS
No Sale Too Small or Large
Tents Available

RALPH W. HORST
AUCTIONEER & SALES MANAGER
For Purebred Cattle, Farm & Machinery Sales.
Tent & Sale Ring Available.
Ph: 717-375-2824
Marion, PA

SPECIALIZING
IN HOLSTEIN AND GENERAL FARM SALES
BOB KAUFFMAN
Auctioneer
Licensed & Bonded
RD 1, Elizabethtown, Pa. 17022
Phone 717-367-3550
JAY HOWES
Pedigrees
Box 81, RD1,
Warriors Mark, Pa.
Phone 814-692-8980

AUCTIONEERS
FRANK & PAUL SNYDER
Livestock, Farm Equipment, Household Goods, Antiques.
No sale too small or too large.
717-859-2688
717-733-7052

REG. & GRADE DAIRY CATTLE
FARM EQUIPMENT
AUCTIONEER
STEPHEN PETERSHEIM
R.D. 2,
Cochranville, Pa. 19330
215-869-2508
REAL ESTATE
HOUSEHOLD GOODS

C. H. WOLGEMUTH
RD#2, MANHEIM, PA
AUCTIONEER
Member of
COMPLETE AUCTION SERVICE
CALL 717-665-5664

AUCTIONS
Farms, Homes, Commercial
COMPETITIVE RATES
Complete Service on or off property.
(Now booking Spring Sales)
JAY L. "SKIP" RIEGEL, JR.
Licensed and Bonded Auctioneer
R2 Schuylkill Haven, Pa. 17972
Ph: 717-739-4718

RANDAL V. KLINE 717-733-1006
AND
LLOYD H. KREIDER 717-786-3394

Auctioneers & Sales Managers

Specializing In:
Dairy & Farm Machinery Sales, Real Estate - Public or Private Sale.

Complete Professional Auction Service with Tent Available

PUBLIC AUCTION

Landis Auction Service

RD5, MANHEIM, PA. PHONE (717) 665-5735

PROFESSIONAL • LICENSED AUCTIONEERS

J. OMAR LANDIS & J. M. WITMAN

"SPECIALISTS"

- AUTOMOBILES
- ESTATES
- REAL ESTATE
- ANTIQUES-FURNISHINGS
- LIVESTOCK-MACHINERY
- MAILING LIST AVAILABLE

We are now listing Spring Sales.

ARE YOU TIRED OF PLAYING GAMES WITH YOUR BREEDING STOCK?

Make a winning move . . .

Checker™ Mates

Sending more pork to market on less feed in less time. We know that's the name of the game.

Play to win with our complete Checker Mates Hog Breeding Program. It's the result of many years of genetic research.

It can pay off in bigger, healthier litters in the farrowing house thanks to the maternal heterosis of Checker Gilts. Plus, the money saving performance punch contributed by Checker Boars when your pigs reach the finishing house.

But it's more than boars and gilts. It's a complete breeding program aimed at making you a winner.

STOP IN AND ASK YOUR LOCAL PURINA DEALER OR MAIL COUPON BELOW.

I would like more info on:

☐ KleenLeen Gilts

☐ KleenLeen Boars

Return to: PURINA
Box 366 S
Lititz, Pa. 17543

Name _____

Address _____

_____

Phone _____

KleenLeen

a Subsidiary of Ralston Purina Company

HESS MILLS
PHONE 717-442-4183
717-768-3301
PARADISE, PA 17562

HIGH BROS.
PHONE 717 354-0301
GORDONVILLE, PA 17529

UMBERGER'S INC.
PHONE 717-866-2324
RICHLAND, PA 17087

JOHN B. KURTZ
PHONE 717 354-4616 717 738 1088
RD3 EPHRATA PA 17522

IRA B. LANDIS
PHONE 717 665-3248
BOX 276 RD3
MANHEIM PA 17545

UMBERGER'S MILL
PHONE 717 867 5161
FONTANA PA 17042

THE PURINA PROGRAM
Good Breeding
Sound Management
Careful Sanitation
Good Feeding
FOR GOOD PRODUCTION

McCRACKEN'S FEED MILL, INC.
PHONE 717-665-2186
2 NEW CHARLOTTE ST., MANHEIM, PA 17545

DAYETT MILLS, INC.
PHONE 302 731-1500
904 OLD BALTIMORE PIKE
NEWARK, DEL 19702

WEST WILLOW FARMERS ASSN., INC.
PHONE: 717-464-3386
WEST WILLOW, PA 17583

M. G. HENNINGER & SON, INC.
PHONE 717-362 3333
BERRYSBURG, PA 17005

MANIFOLD - BAIR
PHONE 717-382-4805
FAWN GROVE, PA 17321
PHONE 717-637-1123
HANOVER, PA 17331

PICKERING VALLEY FEED AND FARM STORE
PHONE: 215-363-8810
RT. 11 & GORDON DRIVE
LIONVILLE, PA 19353